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# Connecticut DUSTRY

MANUFACTURERS' ASSOCIATION OF CONNECTICUT, INC. VOL. 29 - NO. 6 - JUNE 1951

L. M. BINGHAM, Editor

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# The Telephone Is an Essential Part of the Production Job



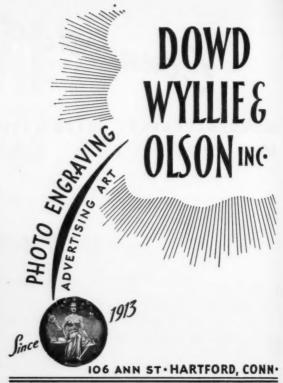
The production job is bigger than ever these days and the telephone is right in the middle of it. More and more the needs of the Nation are on the lines.

Wherever things are made, whenever someone or something is in a hurry, the telephone is industry's top-grade #1 helper. It's on the job, day and night, in every part of the land.

Meanwhile, the demands for telephone service are steadily rising . . . for the military . . . for war industry . . . for civilian defense.

THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY

Owned and Operated by and for Connecticut People Since 1882



## Are You Looking For a Sub-Contract?

If you are, an advertising message published regularly each month in CONNECTICUT INDUSTRY, telling of your facilities and skills, should help your personal and direct mail efforts to secure some sub-contracts from the prime contractors in this state—the majority of whom are readers of this magazine.

Closing date for copy is the first of each month preceding the month of issue. Write today for our low-cost advertising rates.

CONNECTICUT INDUSTRY

436 Capitol Avenue, Hartford, Conn.

# **Buried Treasure**



Dig deeply into this million-dollar question: "How could my product increase its usefulness and sales . . . by counting?" And you may well uncover a new and distinctive merchandising appeal that will set your product apart from competition . . . as so many manufacturers have done.

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It's as simple as this: If your product

is mechanically or electrically operated, then it's definitely worth a search to see if there's hidden sales-treasure buried there. This can be quickly determined by some fast spade-work done by a Veeder-Root engineer, paired off with your design engineer. And the digging can get under way . . . any time you say.



Write for 8-page "Counter Book" which shows all types of V-R electrical, mechanical, and manual counters... standard and special.

*lu Canada:* Veeder-Root of Canada Ltd., 955 St. James Street, Montreal 3 I*u Great Britain:* Veeder-Root Ltd. Kilspindie Road, Dundee, Scotland

Veeder-Root COUNTERS



## don't let the fine weather fool you-

Industry Fires Must Be Kept Burning . . . While most every one is thinking of swimming, fishing or just basking in the warm sunshine, you'll find the trucks of T.A.D. Jones and Company still rolling with fuel for the hungry fires of industry.

24 hours a day — by truck, rail or barge — the fuel you need, be it Bunker "C" fuel oil, bituminous or anthracite coal, is as handy to you as your telephone.

From one of the largest storage plants in New England we serve all of Connecticut and Western Massachusetts.

Serving Connecticut and Western Massachusetts since 1925



T. A. D. Jones & Company, Inc.

NEW HAVEN Tel. 8-6103 BRIDGEPORT Tel. 3-3123

# Moral Courage To Use The Right Medicine For Inflation

By A. V. BODINE, President

It listle wonder that after more than 50 years of subtle Marxist propaganda and nearly 20 years of "government by crisis," fanned by a constant barrage of propaganda stories lauding the virtues of the consumer, purchasing power, government planning and conrols, there has been a growing faith, in this and other countries, in the capacity and responsibility of government to control, stabilize or expand the economy by underwriting consumer purchasing power and managing the markets in which it is used. The irony of our present dilemma is that this faith in methods that have never produced anything but ultimate slavery for all peoples who continued to use them, has grown to dangerous proportions while businessmen, and alas, even government planners, sing songs glorifying the virtues of our free economy.

Now we are faced with the brutal fact that we must stop our government from following out its ruinous policy of promoting inflation before it destroys the last vestige of our economic freedom. Once we lose our economic freedom the fondest hope and the well-laid plans of the Kremlin gang will have been realized. Their American stooges will then be in the driver's seat where one by one they can lop off our remaining freedoms as their confederates have done in other countries. The Russian dictators have never wanted to fight a real war with us anyhow. Much as I hate to admit it, they have been too clever for that. Instead they have propagandized and otherwise inveigled us into costly ventures both on the "cold" and "hot" war fronts which they felt a self-perpetuating government would not have the courage to finance properly through a combination of retrenchment of civilian projects and a tax policy which would balance the budget through tax collection.

If Webster is right in his definition that inflation is a "disproportionately and relatively sharp increase in the quantity of money or credit, or both, relative to the amount of goods available for purchase," then the first thing we must do is to stop the government money monopoly from producing more money (except replacement of old paper money and coins) in any form, until the supply of goods being produced balances the money supply. Our present plight is seen by the fact that our total industrial production has just about doubled since 1939, but our government has increased the money supply from \$36 billion to \$116 billion in the same period, or more than tripled it. Some \$27 billion of this money resulted from private loans made by banks to business, on real estate and to consumers for installment credit. However, most of this new money, or \$53 billion of it, was created by government through borrowing from banks to cover its running expenses above its income from tax revenues. While each private borrower is responsible for repayment of his own loan, consumers are forced to pay for the folly of our government's borrowing for deficit spending through higher prices levied upon them for everything they buy.

The right name for this sleight-of-hand method of collecting revenues from people whom the government is afraid to tax through recognized forms of taxation is an inflation tax. It is a dishonest tax because it is, in reality, levied by the appropriations branch of our government over the protest of the taxing part, which has refused to raise taxes to cover all appropriations. It is also dishonest because it is understood by so few women who do most of the purchasing for American homes, as well as by the men who do the remainder of the buying. This refusal to pare government appropriations to a point where the taxing part of the government will raise sufficient taxes to meet expenditures, forces the government to produce more money, which results in inflation and rising prices.

The tragedy of our present serious plight is that Mr. and Mrs. Consumer are told directly and by inference that the greedy, profit-seeking manufacturers, wholesalers, farmers or bankers are to blame for higher prices. Those who repeat these untruths make them sound plausible because, in stating the case, they draw the clear inference that inflation is caused by high prices rather than high prices being caused by government inflation of the currency beyond the amount of goods being produced.

To make matters worse, those who believe businessmen and farmers are to blame for inflation and high prices, demand the quack remedy of government-enforced price control to cure inflation. If that remedy had ever worked satisfactorily before I would applaud its use, for we must stop inflation before it ruins us. Unfortunately, it is true that by administering price control laws with the aid of thousands of people taken from more productive work, there is created the illusion that prices are being held down.

The facts are that the cost of this army of attorneys, economists, clerical workers and enforcement men, plus the cost of the millions of man hours of time spent in the non-productive work of record-keeping by business, and the subsidies granted by government to keep up the illusion that the consumer is benefiting from price control, actually costs more than any savings made by the process. Other evils, even worse, caused by price control, are shortages, black markets, and the promotion of dishonesty among men in a nation that desperately needs to exhibit moral leadership in the world.

The existence of ample proof that man-made laws cannot create a respect for moral law or remove the penalties for breaking natural economic laws, demonstrates the folly of such legislation as the Volstead Act of 1918 and the price and wage control law of World War II and the current one. Such laws not only fail utterly to accomplish their noble objectives, but at the same time promote the twin evils of dishonesty and lack of respect for many laws essential to the conduct of a civilized society.

If this nation is to play the role of moral leadership, now (Continued on page 43)



THIS IS THE PLANT'S mechanical engraving department.

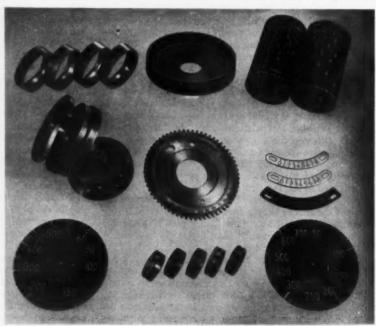
# The Hoggson & Pettis Manufacturing Company

HILE the '49'ers were headed west for gold, Samuel J. Hoggson, expert engraver, letter cutter and die sinker, left his native Ireland for the gold of New Haven's growing industrial opportunity. No small attraction was the young, vigorous rubber industry, then undergoing a major development set off by the vulcanizing process invented by Charles Goodyear. As a skilled workman in his line, Hoggson had no difficulty selling his services to the rubber fabricators. The company is still specializing in Calendar Roll Engraving and Marking Devices that the founder started.

In that same year, Hoggson founded what is now The Hoggson & Pettis Mfg. Co., destined to be a leader in the manufacture of molds and dies used in making rubber goods, in addition to a diversified line of marking devices, special machinery, ticket punches, laboratory equipment and tools for industry.

This wide range of products would come as no surprise to Samuel Hoggson, for, from the very beginning, he was interested in new processes and new products. One of his first inventions was for roll engraving of rubber in the boot and shoe industry, a high speed process which made obsolete the for-

mer hand operation. In all, he made many discoveries and held numerous



A COMPOSITE OF ENGRAVED PARTS produced for many industries.



patents, some of which were used in the business but some of which were sold and brought fame to other firms.

The company was well established in 1879 when George C. Pettis became a partner. It was not long before the Hoggson & Pettis of that day were obliged to seek larger quarters, eventually constructing their own building. Later when the railroad required the land the building was on, a major reorganization took place. Hoggson having retired, Pettis having died and none of the larger stockholders being active, the entire property was sold and the business taken over by some of the men who had started as young lads and apprentices. The present plant is located on Brewery Street.

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As the company grew in size and importance, several "firsts" were added to the story of progressive management and enterprise. Hoggson & Pettis made the engine for the first "horseless carriage" made in New Haven. It was built in 1896 under patents of E. W. Clapp, who tried it out in the streets of New Haven under the supervision of Frank D. Willis, then an employee of the Hoggson firm.

As veritable pioneers in the field, Hoggson & Pettis built one of the earliest typewriters, an invention of Robert Morris. This took courage, for although now considered indispensable, the typewriter was then a radical departure from standard office equipment and was looked upon with considerable suspicion, in some cases calling down upon itself the wrath of the clergy, who called it "devil's writing."

Another "first" was the electric trolley car switch, responsible for the passing of the familiar scene of the motorman out on the street with an iron bar to change the street switch. The switch patent was later acquired by another concern.

In another line entirely, Hoggson & Pettis enjoyed a fine business as manufacturers of stops for reed organs. There was one drawback, however. The markings on the front of the stop knobs, such as "Tremulo" and the like, were printed on paper and pasted to the stops. The paper, unfortunately, had a tendency to peel off. While looking about for a substitute, Hoggson experimented with celluloid, eventually obtaining a patent for a process of making it. The new medium was an instant success, and soon ivory faces and keys were being discarded in favor of celluloid. At the peak of the organ's popularity, Hoggson & Pettis carried 24 styles of knobs and stocked 20,000 finished stems of different sizes.

A present-day product, familiar to all, is the Hoggson & Pettis ticket punch, used by conductors everywhere. Since each conductor has an individual mark which is registered in his name,

(Continued on page 56)



CHAMFERED CORNERS assist in locating the base.



IN INDUSTRIAL PLANTS all over Connecticut industrial nurses administer to workers who have been injured or become ill while on the job.



# A Personnel Manager Thinks Out Loud

By ALICE PALMER and HELEN CULLEN

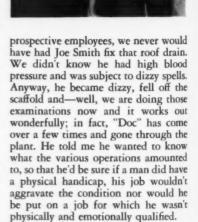
EDITOR'S NOTE: In an imaginary but true-to-fact reasoning process by a hypothetical personnel manager in a small plant, the authors of this article present a strong case on behalf of employing an industrial nurse. Miss Palmer is Industrial Nursing Consultant, Bureau of Industrial Hygiene, State Department of Health and Mrs. Cullen is Executive Secretary, Connecticut Nurses' Association.

T's a strange thing but I've been personnel director and general safety man for our company for about fifteen years and never gave much thought to employing an industrial nurse. Oh yes, I've been to meetings and have heard doctors describe their plant medical programs, but they always come from large companies and it certainly never seemed to me that their plan was applicable to a plant with only 400 employees. In fact, sometimes I thought it seemed like an unnecessary luxury-sort of a paternalistic attitude—an idea which we in this company have never promoted.

#### Some Ancient History

When I first joined the company, we had about 200 employees and I

handled the first aid myself; kept a first aid kit and a bottle of aspirin in my desk. When I became too busy for that, I asked the foreman of each department to take care of his own boys and if it was an injury too severe for him to handle, he should send the man over to see "Doc" Jones. I'm afraid though, if "Doc" depended on us for his daily bread he'd be starving, because we really don't have many serious accidents. That is why when the compensation insurance representative was around today, and I was fussing about the high premium rate, I was a little startled when he told me that one way of lowering that premium would be to employ a plant nurse. You know, I pay attention to him because a while back he proved to me that if we had been doing physical examinations on



Guess I wandered away from the subject. Anyway, that insurance man knows what he is talking about, so I better collect my thoughts and when I see Mr. Davis tomorrow—he's the president of our company—I can tell him why we need a nurse.

#### Most Industrial Nurses in Small Plants

I read in the paper the other day, that the United States Public Health Service stated that in 1950, there were 441 industrial nurses in Connecticut. Well, Connecticut is not a very large state; we have a great deal of industry, but I bet that I could count on my fingers the number of plants with thousands of employees which have the huge medical programs that are described at personnel and safety meetings. Therefore, we can say, at the most, they employ 75 to 100 of those 441 nurses. That means the other nurses are in plants the size of ours or smaller. Approximately 350 plants of this size have found that it is not a luxury, but more aptly a saving. Don't we Connecticut Yankees take pride in knowing our dollar is well spent? But what can the nurse do that will save us money?

#### If a Nurse Had Been on the Job

I remember there was some one here from the Bureau of Industrial Hygiene, which is part of the State Health Department, several months ago, who said she was an industrial nursing consultant working on medical and nursing surveys. She was very interested in learning that we were doing these preplacement medical examinations, but she, too, seemed to think we would benefit by employing a nurse. I thought for a minute she was trying to find a soft job for a friend until she talked about cost in regard to time lost from an accident. She pointed out that a nurse, working under "Doc" Jones' supervision (think the term was "standing orders"), could cut down a lot of the time away from the job. She pointed out that often an accident could occur early Thursday afternoon-not a very severe accident, but one the foreman felt he couldn't handle-so the employee is sent to the doctor and another employee goes with him, just in case the man faints on the way. That takes two men from the job. The man who was hurt waits an hour or so because "Doc" is out on a call. Well, he's all fixed up by three o'clock, but he figures it's almost quitting time, so he may as well go home. The next morning, he is ready to go to work, but his wife tells him it's Friday, he got hurt on the job, so he will be paid anyway and they may as well have a nice long weekend. I'm beginning to see why that insurance man said our premium would be lowered. That doctor's visit is compensable

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MRS. HELEN M. CULLEN, executive secretary, Connecticut State Nurses' Association, (left) and Miss Alice Palmer, industrial nursing consultant, Bureau of Industrial Hygiene, State Department of Health.

and we lost a day and a half of a man's time. If a nurse had been here, we could not have had a compensable case chalked up against us, and probably the man would have lost no more than fifteen minutes from the job.

The nursing consultant talked also about the importance of keeping a record of all injuries treated. She said that even a small cut might become infected and therefore turn into a compensation case and eventually find its way to court. We know first aid is required by lawbut if there is no record of the initial first aid, we might find ourselves faced with a law suit. If a nurse was here, she would have a record of every accident and how it was treated, thereby giving us a certain amount of legal protection. Another thing, we stopped dispensing aspirin and other medications several years ago because we were told that it was very unwise for a non-professional person to give medications to people when they had no way of knowing the individual's physical condition. The medicine, even though it seems harmless, might cause a severe reaction that we in the company would be responsible for. I hated to stop giving them aspirin, but I understood the danger. However, I think our absentee rate might be lower if we had a nurse here who could take care of a little thing like that-so that if Mary had a headache in the afternoon, she could be given an aspirin and return to her job rather than having her ask if she could go home the rest of the day.

## Women Employees Strengthen the Case for Industrial Nursing

Speaking of Mary and women employees generally, we are hiring more and more women-we did during the last war, and now we are doing it again because of the Korean situation. Well. they don't seem to become sick or injure themselves more frequently than men, but they don't work too regularly because of home problems. They have to see the school nurse about Johnnie's tonsils, or see Susie's teacher about Susie's dental examination. It seems to me that if we had a nurse in the plant, she could call the teacher or the school nurse and then, in turn, explain it to the mother so that time is not lost for us and money isn't lost for that female employee.

#### Miscellaneous Services of a Nurse

Another duty the nurse might have would be to assist with preplacement examinations. "Doc" Jones said one day, when he was over here, that many doctors were doing these examinations right on the plant premises and had found such an arrangement very advantageous to both management and the physician. He explained that it didn't mean visiting every day-we don't employ people every day—but several days a week, to do the examinations, redressings of the accident cases originally seen in his office, etc. With a nurse here, she could assist him with these and then make sure that the individuals

(Continued on page 44)



FIVE CENT PIECES are passed out to members of the Social Studies Department, Middletown High School, by Miss Ruth E. Johnson. Students were instructed to go into business and make a profit under the free enterprise system. High earners were three boys who bought candy wholesale and ran their nickels up to more than eighty dollars by door-to-door retail sales.

# Students Win Russell Manufacturing Company Awards

ALTHOUGH the offering of incentive prizes is not new in the scholastic field, the results of the Russell Manufacturing Company award contest for original thinking on the subject of private enterprise should encourage other manufacturing companies to try this experiment in their own communities.

Ast fall G. M. Williams, president of Russell Manufacturing Company, Middletown, Connecticut, offered prizes to students at the local high schools for best original thinking on the broad subject of private enterprise.

Mr. Williams did not suggest that the schools undertake a program in addition to or beyond the scope of their present curricula. He asked what projects along economic lines were already a part of their regular programs.

It was found that both Middletown schools, the Woodrow Wilson High School and Middletown High School, had projects which called for original research and thinking concerning the capitalistic system. Therefore, when Mr. Williams asked if it would be appropriate and helpful for him to offer prizes, the suggestion was acceptable and was heartily received. The prizes added a competitive zest. More than three hundred students participated at each school. The quality of their work

was excellent.

The ten Rusco prizes were awarded to students of both schools in general assemblies by Mr. Williams on May 4th.

"Like most worthwhile projects," Mr. Williams said, "the Rusco contest in the field of economics is the result of cooperation by many people over a considerable period of time. The project is not the result of impulse, but of long thought. We wished to stimulate thought on your part in the general field of business with all its implications.

"The conclusions of course were to be your own."

In explaining why he had undertaken the program, Mr. Williams stated: "Many influences are brought to bear on the minds of our youth. If we wish them to have an understanding of the significance of the American capitalist system we must make the system and its advantages clear to them. Talking alone won't do it. Therefore in one community we have taken more direct ac-

tion, with the help and cooperation of our fine high school administrations."

#### At Middletown High School

At Middletown High School Miss Ruth E. Johnson had developed an interesting and direct technique for dramatizing the advantages of free enterprise.

For the past two years, Miss Johnson had given to each student of her economics classes one five cent piece. With that nickel she had instructed her students to go into any legitimate business and see how much money they could make.

They could borrow other capital but would have to pay high rates of interest. They could use the kitchen equipment if they paid rent. They could accept the help of relatives but would have to pay wages.

At the end of each week the students submitted operating statements. At the end of the four-week period they filed complete financial reports.

The results were remarkable.

Starting with five cents each, one group of three students pooled their resources, bought candy wholesale and sold it evenings by house-to-house solicitation. They made a clear profit of \$83.74. Another group undertook to

trap muskrats. Their financial report indicated they caught 43 muskrats and sold the fur for eighty dollars, yielding a profit of \$45 after paying rent for the land.

The excellence of the work done by the students was based on four elements: Profit, ingenuity of enterprise, business procedures, and conclusions

regarding capitalism.

Naturally, when hard earned profits were severely cut down by "Federal and excess profits taxes" there was much protest. Further, when the suggestion was made that profits be divided up and distributed equally among all students regardless of ingenuity or effort, this socialistic movement was overwhelmingly voted down.

#### At Woodrow Wilson High School

At Woodrow Wilson High School three hundred students of the social studies department participated in the Rusco Competition by writing essays on subjects chosen from the field of economics. They then competed by delivering their essays as talks before students and faculty groups in elimination contests. The work was conducted under the leadership of Russell D. Capen, head of the Social Studies Department.

The paper which won first prize, The Road for American Democracy, by Nancy Turner, is so good that with her permission it is reprinted in part

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AN ESSAY, "The Road for American Democracy" won first prize for Nancy Turner (right) a junior at Woodrow Wilson High School, Middletown. President Williams of The Russell Manufacturing Company presented her award.

#### **Excerpts from First Prize Essay**

The free enterprise idea is certainly the most progressive and democratic economic system yet devised by man. It's the only system that provides investor, producer, and consumer with freedom of choice and opportunity. By this system, it is the people-and only the people—who decide what wages shall be received and for what services, how much capital is to be invested in what business, and what profit is to be made. This is because the people themselves-you and I-directly own all the productive resources of this great country. And although the capitalist is often pictured as a self-seeking man, one of a small group who run the country, the truth of the matter is that every man and woman who has a savings account, a life insurance policy, or a share of stock is a capitalist, whether he is aware of it or not.

"But let us look deeper into the capitalist's system of free enterprise. To begin with, the customer is the boss, because it is the customer who does the buying, decides what business shall thrive, and which shall fail, through his selection of the place at which he purchases goods. For instance, if two stores in the same town sell the same quality merchandise, but one charges more than the other, the townsfolk are naturally going to trade at the store with the less expensive goods. By the same token, the store charging higher prices will be forced to lower them or discontinue business. In this way, by competition, the customer tends to control prices.

"In comparison with the totalitarian states, free enterprise has a great deal to offer. In a totalitarian state, the government controls both the productive processes of the economy as well as regimenting the consumption of goods

(Continued on page 56)



MARGARET SHEARER, a senior at Middletown High School, won first prize as president of Maxwell, Shearer and Miller, Inc. She is shown receiving her award from G. M. Williams.

# 7alk It Over

By GILBERT F. BERRY



LOOKING OVER the program notes at the Combined Conference of the Connecticut and Massachusetts Industrial Editors on April 4 were Richard Hemenway, Southern New England Telephone Company, conference co-chairman (left), Frederick Bowes, Jr., Pitney-Bowes, Inc., Stamford, keynote speaker (center), and Clarence Bolen of Atlanta, Georgia, president of the International Council of Industrial Editors.



SCOVILL MFG. CO. "BULLETIN" editor, Margaret Fenske, chatted with panel speaker Charles Goodness of the Morgan Construction Company, Worcester.

ORE than 80 editors of industrial and other business publications attended the Joint Conference of the Connecticut and Massachusetts Industrial Editors Associations on Wednesday and Thursday, April 4 and 5, at the Hotel Kimball in Springfield, Massachusetts.

Keynote speaker for the April 4 evening program was Frederick Bowes, Jr., Director of Public Relations and Advertising, at Pitney-Bowes Company in Stamford who addressed the editors on "The Industrial Editor In A Fractional War Economy."

The April 5 program opened with Charles J. Felten, author of "Layout of Printing and Advertising" and the article on production in the new Printers' Ink Directory covering certain aspects of Typography and Layout.

"Recipe For Publications" was the topic covered by a panel of editors which included: Barbara Beach, the Consolidated Edison Company in New York; Alice Murphy, the New England Tel. & Tel. Company in Boston; Margaret Fenske, The Scovill Mfg. Co. in Waterbury; Charles Goodness, the Morgan Construction Company in Worcester; Jack Barnes, Lever Brothers in New York and Don Lee of United Aircraft in East Hartford.

Kenilworth H. Mathus, Printers' Ink 'Staff Writer, and Dave Zingg, Editor of two publications at the United Fruit Company in New York, completed the program on the second day.

Richard Hemenway, the Southern New England Telephone Company in New Haven, and Manning Hawthorne, the American Optical Company in Southbridge, Mass., were General Chairmen for the Conference.

Gilbert F. Berry, the Fuller Brush Company in Hartford, was Chairman of the Publicity Committee and Audrey Heusser, Winchester Repeating Arms Company in New Haven, handled the exhibit of photographs. Richard K. Gilbert, First National Bank of Boston, was in charge of a similar exhibit of publications. Robert Croken,

(Continued on page 56)



CLUBWOMEN GATHERED in the auditorium to hear about the company from Benjamin Bogin, Vice President.

## Club Women Are Entertained at Condé Nast

ORE than 100 women, representatives of 88 local women's clubs in the state, participated in a two and one-half hour tour of the plant of Condé Nast Publications, Inc., Greenwich, recently. The event was the fourth in a series entitled "Connecticut At Work," sponsored by the Connecticut State Federation of Women's Clubs.

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Brush rman Audating aven, raphs. Bank ar exoken, After luncheon at Hugo's Restaurant in Stamford, Benjamin Bogin, vice president of Condé Nast Publications, Inc., addressed the group on the history, sales, business volume, and personnel practices of the company. A discussion period followed.

Other "Connecticut At Work" programs have been held, through the

cooperation of the Association, at Bigelow-Sanford Carpet Company, Thompsonville; Raybestos Division, Raybestos-Manhattan, Inc., Bridgeport; and the United Illuminating Company, New Haven. The programs, held on a twice a year schedule, have been designed to create among club women of the state a better understanding of the operations and social contributions of Connecticut industry.

The meeting at the Greenwich firm was in charge of Mrs. Wilmer Schultz, president of the Connecticut State Federation of Women's Clubs, and Mrs. Richard G. Koch of Hamden, industry chairman, who presided at the meeting.





HERE IS A DESIGNER at work in the Vogue Pattern Origination department. Below, small quantities of the patterns are cut by hand.

IN THE COMPOSING ROOM (left) a line-up man demonstrates this process, and (right) a large gathering machine is at work in the bindery.





#### \*

## DUTY...

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GOVERNMENT

In these perilous days, the significance of DUTY...
HONOR...COUNTRY should be in all our minds.
Men and women in Labor and Business and Government should carry them in their hearts...and pause before arguing over another wage hike, seeking special privileges in defense contracts, or making political bargains aimed at getting the most votes.

Workers and businessmen and politicians may well ponder these words in the hot light of what the future may — or may not — hold.

Daily — through newspapers, radio and television — we watch Labor, Business and Government in disputes of advantages to be gained one over the other . . . while the real enemies of our country press their

malicious cause relentlessly throughout the world. Not a pretty picture . . . in fact, pretty small potatoes.

Labor blames Business; Business blames Government; Government blames them right back. And our national dissension is just what the Kremlin ordered. For the Politburo's mouthpiece, Joe Stalin, continues to shout that the greatest Democracy in the world — subjected to enough external and internal pressure — can't protect what it stands for.

That's arrant nonsense. But our personal quibblings and our selfish interests are helping the big lie become the terrible truth.

To the man at the lathe; to the man whose business is part of our production force; to *every* Government employee (*all* servants of the people) we suggest this:

Nail up the motto DUTY . . . HONOR . . . COUNTRY where it will be seen . . . and lived by.

Watter E. Ditward

President, The Gray Manufacturing Company
Hartford, Connecticut



## **NEWS FORUM**

This department includes a digest of news and comment about Connecticut Industry of interest to management and others desiring to follow industrial news and trends.

SEVERAL EXECUTIVE CHANGES have been announced by The American Hardware Corporation, New Britain.

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William J. Ziegenhein has been promoted from general sales manager, Russell & Erwin Division to vice president in charge of Russwin Sales. A native of Pittsburgh, Pennsylvania, he obtained his early hardware training with the Fort Pitt Hardware Company of that city, a wholesale and contract hardware distributor of the corporation's products. He was later associated with the Boye Needle Company of Chicago, and in 1936 joined the Russell & Erwin Division. During World War II he served as munitions manager.

David Muirhead has been appointed treasurer of the corporation. He joined the New Britain firm as general accountant in 1943 and was elected corporate auditor in 1946. In April 1950 he was elected to the position of controller.

A graduate of New York University School of Business Administration, Mr. Muirhead is a certified public accountant of the State of New York. Prior to his employment with American Hardware he was connected with Haskins & Sells, certified public accountants, and with the Chase National Bank and the banking firm of Lazard Freres & Company, New York.

Clara E. Larson, who entered the employ of the company in 1920 has been named assistant treasurer in addition to her position as assistant secretary.

The position of general sales manager of the Russell & Erwin Division has been filled by L. Curtis Booth, who has been associated with the division since 1928. He began his career as a sales trainee and worked in the factory and sales department and later became manager of marine hardware sales, production and development. In 1947 he was made assistant sales manager and continued in that position to the present time.

Isaac Black, who has served as vice president of the corporation in charge of the Russell & Erwin Division since 1928, and as a member of the Board of Directors since 1932, has retired from that position. Mr. Black has had a long and noted association with the hardware field. He at one time served as president of The American Hardware Manufacturers Association and is now a member of The American Society of Architectural Hardware Consultants.

Walter J. Bunce has retired from the position of treasurer. He entered the employ of The Corbin Screw Corporation in 1905 and moved through the estimating, cost, order and accounting departments. In 1930 he assumed charge of the accounting department and became office manager in 1933.

#### The Cover



THIS month's cover photo by Bo and Joan Steffanson is the Old First Congregational Church, now known as the Federated Church, Colchester, Connecticut.

After the consolidation of the credit and accounting departments of all divisions of The American Hardware Corporation, Mr. Bunce was made general credit manager and assistant treasurer of the corporation in 1936, and in 1942 became treasurer.



FRANK L. ORR, vice president and sales manager of the Maxim Silencer Company, died recently while on a business trip to Washington, D. C.

He joined the Maxim firm in November 1930 following service in the diesel engine division of Fairbanks, Morse and Company.

Mr. Orr was a well-known yachtsman, a member of the Essex Yacht Club and the Off Soundings Club of Springfield, Mass. His boats, particularly the specially-built 40-foot cutter, "Brigadoon" were often seen in club cruises in New England coastal waters and in the New York Yacht Club's annual Bermuda races.

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He was a Mason and a member of the American Society of Naval Engineers and the Society of Naval Architects and Marine Engineers.



THE CROSS OF OFFICER OF THE LEGION OF HONOR has been bestowed by decree of Vincent Auriol, president of the French Republic, upon Frederick B. Rentschler, chairman of the board of the United Aircraft Corporation, East Hartford. M. Roger Seybou, consul general of France, presented the cross in the office of Air France in New York.

Mr. Rentschler was honored by the French Government with this distinction "for the outstanding part you have taken in the progress of aeronautical science in the past thirty years and for your cooperation in the reconstruction of French civil and military aviation since the last World War."

Mr. Rentschler has devoted his life to aviation since America's entry in World War I when, as a captain in the Army Air Corps, he was named government inspector at the Wright-Martin plant, which built French Hispano-Suiza engines for the Air Corps—his first experience in aviation. Following the war he was an organizer of Wright Aeronautical Corporation. In August, 1925, he founded Pratt & Whitney Aircraft. He was an organizer of United Aircraft and Transport Corporation in late 1928 and when this in turn became United Aircraft Corporation in 1934, he was elected chairman of the corporation, a post he holds today.



A NEW PRODUCT, a streamlined, single-action fire alarm box for public buildings, hospitals, schools and locations where fire alarm systems are used, has just been announced by Edwards Company, Inc., Norwalk.

It is said to be the first major improvement in fire alarm boxes in 25 years. It combines for the first time perfect function, easy inspection, local tests, economical installation with good design.

Of prime importance to architects and contractors is the appearance of the new box. The exterior is completely modern and compact, designed to attract the eye with its brilliant red and chrome finish and yet blend harmoniously in the most up-to-date building.

The unit utilizes a clock-work mechanism which sends a coded alarm through the control panel to the audible

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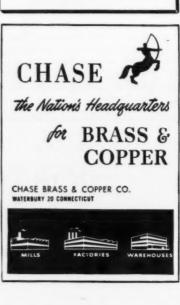
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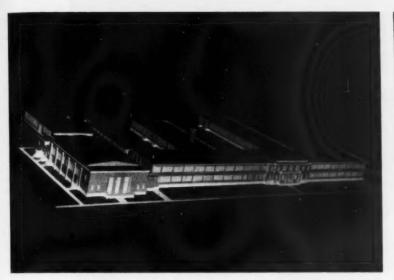
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## PLANT DESIGNS FOR ECONOMICAL OPERATION





MODEL OF NEW Bullard-Havens Technical School, Bridgeport, now under construction and expected to be completed by February or March, 1952. This school will accommodate approximately 1,000 pupils, who will be offered courses in 23 specific trades.

signals in the building. Seven years of design, experimentation and rigorous testing went into the making of the Edwards' fire alarm station. It was endorsed on the first application by the Underwriters Laboratories, which establishes all fire protection.

A NEW CALCULATING MA-CHINE with automatic printed multiplication, division, addition and subtraction has been announced by Underwood Corporation. Featuring a simple ten-key keyboard for touch operation, the new Underwood Sundstrand Printing Calculator is a multipurpose time saver in figuring solutions for large and small business.

Among the advantages of this new machine, according to comprehensive consumer tests conducted by the manufacturer, are the simplicity of operation, the printed proof of computations and the low cost of a general purpose comspace key for rapid indexing.

extension, mark-up or mark-down, percentages, discounting, and all statistical calculations by manufacturers, wholesalers, retailers, banks, brokers, building and loan companies, department stores, insurance companies, transportation companies and government and

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puting machine. Features include automatic credit balance, two-color printing, automatic multiplier count, automatic division, decimal indication and printing, constant factor control, standard printing and spacing, single key depression, automatic totals, and zero The machine is designed for computing payrolls, inventory, interest, order



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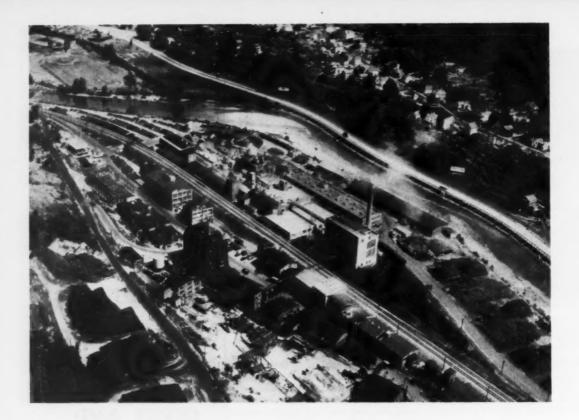
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NEW NAVY HELICOPTER orders have boosted Kaman Aircraft's backlog to \$18,000,000. The Bradley Field concern is expanding its personnel and facilities at an increasing pace to meet the stepped up production requirements.

Since early in January Kaman's employment has increased to 500 persons, a rise of more than 300% in three months. Facilities to house production, engineering, and administrative functions now total six buildings on Bradley Field and a large office area in downtown Hartford. The company is operating two shifts, with a skeleton crew third shift.

President Charles H. Kaman announced that, together with round-theclock operations, the company is currently conducting negotiations to obtain additional production and office space in both the Bradley Field and Hartford areas.



THE PURCHASE of about 14 acres of land in the Wolcott Hill section of Wethersfield has just been announced by The Connecticut Power Company. The property will eventually be used as an office building site.

The land has about 230 feet frontage on the west side of Wolcott Hill Road, south of the Jordan Lane underpass.

Vice President Samuel Ferguson, Jr., said that the company's plans for an office building are for some time in the future when construction materials are more readily available. The Wethersfield site was selected, according to Mr. Ferguson, because of its accessibility to the company's several divisions in Manchester, New London, Middletown, Farmington, Torrington, Canaan, Thomaston and Stamford.



WALTER P. BALDWIN, a director and member of the executive committee of Peter Paul, Inc., Naugatuck candy manufacturers, has been appointed assistant to the president, according to an announcement of President John H. Tatigian.

Mr. Baldwin has been closely associated with Calvin K. Kazanjian, cofounder and former president of the company since its organization in 1919.



THE THIRTY-FIRST ANNIVER-SARY of Alsop Engineering Corporation, Milldale, was celebrated recently at a dinner and dance held at the Waverly Inn in Cheshire.



THESE COMPACT AIR-CYCLE refrigeration units for jet-propelled aircraft have just been added to the products of Hamilton Standard division of United Aircraft Corporation. The cooling units reduce temperatures that would otherwise become unbearable to pilots in the cockpits of high-speed jet fighters.

More than two hundred employees and their guests were present to honor the company and its long service employees. President C. E. Crowley presented gold watches to seven ten-year employees and government savings bonds to ten fifteen-year employees.



AT THE DAY-LONG HEARING conducted by the House Small Business Committee at Hotel Bond recently, representatives of many small Connecticut industries listed numerous complaints for which they sought relief from the federal government.

In several instances the pleas of the small businessmen brought immediate relief when a representative of the committee phoned Washington and straightened out individual problems.

Some of the manufacturers complained that they have plants, competent staffs and a desire to do defense work, but have not been able to obtain government contracts or obtain a clear outline of the procedure for obtaining contracts.

Others pointed to government stockpiling of critically needed materials as a hurdle to their operations. The Connecticut executives charged that a "vicious, unbridled black market" exists in materials essential to the sheet metal business. Price regulations and restrictions of critical materials were given as





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TEL. 6-1197 BRIDGEPORT TEL. 6-1198 STAMFORD serious obstacles to the operation of many of the state's smaller manufacturing plants.

The committee members were Representative Clarence G. Burton, (D) Virginia, chairman; Representative Abraham J. Multer, (D) New York, and Representative Charles A. Halleck, (R) Indiana. Also sitting in at the sessions were two Connecticut Congressmen, Representative A. A. Ribicoff, Hartford, and Antoni Sadlak, Rockville, Congressman-at-Large. Representatives of the RFC, OPS, Department of Commerce, and the Defense Department were also on hand to answer questions.



ONE OF AVIATION'S OLDEST NAMES has been given a touch of streamlining. Hereafter, both officially and formally, it is proper to drop the "Propellers" from Hamilton Standard Propellers Division of United Aircraft Corporation.

Erle Martin, general manager, pointed out in his announcement that "Hamilton Standard" still is very much in the aircraft propeller business, but its products go beyond the propeller itself—aircraft spinners, governors, synchronizers, integral oil assemblies, and helicopter rotor parts.



MORE THAN 100 New Haven area manufacturers attended a clinic on problems of accounting for government defense contracts sponsored under the joint auspices of the New Haven Chapter of the National Association of Cost Accountants and the Manufacturers Division of the New Haven Chamber of Commerce.

The clinic was designed to give assistance and information on accounting and bookkeeping problems encountered by businessmen in the course of maintaining proper and adequate records under government war contracts. Each branch of the armed services was represented on the speakers platform and the various problems met in fulfilling the contracts of each branch were discussed.

The speakers pointed out that the federal government requires all of its contractors to submit for inspection by auditors a summary of their accounting policies and procedures. The manufacturers learned that in many instances the manufacturer must justify reasons for certain expenses incurred in the fulfillment of their contracts.

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THE PROPOSED NEW ADDITION to Trumbull Electric Mfg. Co. plant is shown on the left. It will be known as the North Plant.

THE TRUMBULL ELECTRIC MANUFACTURING COMPANY, Plainville, has announced that final approval has been given to plans for the construction of a new Trumbull plant across the railroad tracks from the main plant.

The new building will house the two

largest Plainville fabrication units, receiving facilities and finishing units. The aggregate total capacity of the new building will be 63,500 square feet and will sizably increase space available for a large part of the firm's fabrication work.

facilitate unloading of materials. Completely self-operative, the plant will have its own power sub-station, and a boiler plant.

C. B. Wooding, manufacturing engineer, has been in charge of the devel-A trucking well and rail shed will opment planning phase of the project.





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EDUCATORS FROM THE NEW HAVEN area were again given an opportunity to study the operations of local industry and business recently during the area's second annual Business-Industry-Education Day.

Nearly 1,620 educators visited 55 concerns under the joint sponsorship of the Boards of Education of eight area towns, the Manufacturers Association of New Haven County and the Manufacturers Division of the New Haven Chamber of Commerce.

Hosts to the teachers included banks, newspapers, public utilities, retail stores and small and large industries. The activities began at 9:00 A. M. at Hillhouse High School as Mayor William C. Celentano greeted the group. Following the program teacher groups ranging from six to 110 were escorted on tours and entertained at luncheons in plants or at clubs and restaurants.

\* \* \*

ROGER E. GAY, president of the Bristol Brass Corporation, has been elected a director of the American Hardware Corporation, New Britain.

A graduate of Harvard University, Mr. Gay began his career in 1926 with the American Brass Company and rose to the position of assistant sales manager. He joined the Bristol Brass Corporation in 1938 as assistant to the president and was elected president in 1943.

He serves on the Copper and Brass Advisory Committee for the National Production Authority and is on the executive committee of the Copper and Brass Research Association. He is also chairman of the Industrial Problems Committee of the National Association of Manufacturers.

\* \* \*

WITH ITS RECENT purchase of four 5,000 kilowatt gas-turbine driven electric generators, The Connecticut Light and Power Company became Connecticut's first utility company to adopt this strikingly new method of generating electric power.

R. H. Knowlton, company president, revealed that installation of two of the units late next year, and the remaining two early in 1953, will give CL&P the largest gas-turbine capacity of any single power system in the country.

Mr. Knowlton stated that the relatively small, oil-fired generators will be located at ends of the company's widespread transmission system. Helpful in reducing transmission line losses,



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And the growing demands of Connecticut industries have led to a new addition to the big Deep River plant. New equipment has been installed. New procedures, new and vigorous thinking for these changing times. Yes, Uarco is growing . . . is keeping pace with the new spirit of progress in Connecticut!

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they will assist the company's larger generators in meeting brief, but demanding "peak" loads, and will provide emergency power reserves in the areas in which they are to be installed.



A. CHARLES AMANN has been appointed general sales manager of the Stamford Division of The Yale & Towne Manufacturing Company, succeeding Meade Johnson, it has been announced by Milo F. McCammon, general manager. Mr. Amann was formerly industrial sales manager.

In his new post, Mr. Amann will direct all sales of products manufactured at both the Stamford and Salem Divisions, which include Yale brand locks, door closers, builders' hardware, bank locks, Tri-rotor pumps, made at Stamford, and industrial locks and hardware, made at Salem, Virginia.

Before joining the Stamford firm in 1949 Mr. Amann was associated with the Illinois Lock Company, Spiegel, Inc., Chicago, and Campbell Soup Company, Camden, New Jersey.



CHARLES E. WHITTEN, president of Gair Company Canada Limited, Toronto, died recently. Last June Mr. Whitten became president and general manager of that company, and was subsequently also elected a director of Robert Gair Company, Inc., manufacturers of folding cartons, paperboard and shipping containers.

William T. May, Jr., has been elected a vice president of the Robert Gair Company, Inc., in charge of container operations.

Mr. May started with the firm in 1921 at the Thames River division at New London, later was a salesman in New York State for the container department. In 1946 he was made sales manager of container operations, and in 1950 was placed in charge of all container operations for the entire company.

THE DEFENSE PRODUCTION ADMINISTRATION has issued a Certificate of Necessity to The New Britain Machine Company in the amount of \$737,159.00. The bulk of the facilities requested under the Certificate were for machine tools with some necessary additions to existing building, plus the erection of a warehouse building.

The Certificate was requested as a

result of the company's expansion of the precision aircraft engine parts and machine tool divisions.

The New Britain firm manufactures automatic multiple spindle screw and chucking machines and precision boring machines, which are essential to the war effort at this time. Demands of manufacturers of aircraft engines for precision parts manufactured by the company have necessitated an expansion in this division.



FLYAWAY DELIVERY of the first three of the Army Field Forces new type H-18 helicopters took place at the Sikorsky Aircraft plant, Bridgeport, recently.

Two of the new helicopters were flown to Fort Bragg, North Carolina, and the third went to Wright-Patterson Air Force Base for military tests.

The H-18 is a three-place utility helicopter suited for rescue and military service. Its large cabin can accommodate four people for short range flights with the pilot and a co-pilot or passenger forward, side by side, and the two other passengers aft. All-metal construction is used throughout. The fuselage is aluminum and magnesium semi-monocoque except for the main rotor pylon. which is chrome-molybdenum steel rubing.

The power plant is a six cylinder 245 horsepower Franklin engine made by Air-cooled Motors. Maximum speed is 113 miles per hour and cruising is 92 miles per hour.



SOME OF THE PRODUCTION PROBLEMS which are slowing down war contract manufacturing in the plastic products fields were solved for Connecticut manufacturers at a clinic held at the George S. Scott Manufacturing Company plant in Wallingford recently.

A plastic molding shop, a complete testing laboratory in a large trailer, visited the plant for a day and demonstrated to representatives of more than 20 Connecticut firms up-to-date methods in the molding of some of the newest plastic materials.

Two large presses that can mold 4,000 parts an hour were the major mechanical units in the mobile shop touring the nation as a project of the Plaskon Division of the Libbey-Owens-Ford Glass Company.

It was shown that new plastics today can be molded four times faster than

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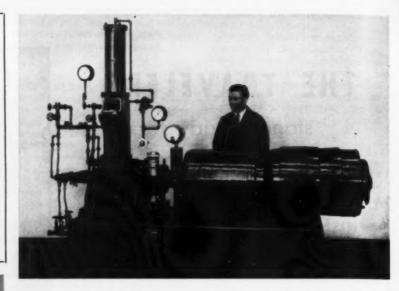
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types previously in use. In addition to the military uses of plastic products, they are used widely in television, radio, radar, automotive and electrical fields.

The Scott firm is one of the largest plastic toy manufacturing concerns in the state.

\* \* \*

DR. FERNLEY H. BANBURY, inventor of the internal mixer which bears his name, has presented a laboratory-size Banbury Mixer of latest design to Purdue University. Dr. Banbury was graduated from Purdue in 1906 and the University in 1948 con-

ferred on him the honorary degree of Doctor of Engineering.

The first Banbury Mixer was built in 1916 at the Derby plant of Farrel-Birmingham Company, Inc., and during Dr. Banbury's long career with this firm the machine was developed to a high degree of efficiency and usefulness.

Although retired since 1943, Dr. Banbury is still active as a consultant and maintains a special interest in experimental work. He also continues to serve on the board of directors of Farrel-Birmingham Company, sole manufacturers of the Banbury Mixer in this country.

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MORE THAN SEVENTY-FIVE MEMBERS of the Fuller Club of The Fuller Brush Company, Hartford, honored A. C. Fuller, known to his employees as "Dad" Fuller, with a dinner on April 10 on the occasion of his 45th anniversary as founder of the company.

Philip Colturi, the oldest Fuller employee in point of service, presented Mr. Fuller with a 45-year pin and a huge cake, measuring 27 inches in diameter and weighing 75 pounds.

Mr. Fuller served as president of this Association from 1942 to 1947.

SARGENT & COMPANY'S fourth annual report to employees has just been distributed. It is an informative, friendly booklet which summarizes for employees of the New Haven firm important facts about their company, their jobs, past performance and future out-

On the financial side the report describes simply the distribution of the sales dollar. Employee "fringe" benefits are reviewed and it was pointed out that nearly 50 per cent of income went into employee wages, salaries and benefits.

Looking to the future the booklet rings an optimistic note. Plant improvements are planned to take care of defense demands which will expand the company's productive capacity and pave the way for improved competitive position in the hardware field when the war emergency period is over.

THE APPOINTMENT of Donald F. Beers to the newly created post of employee relations counsellor for the Raybestos Division, Raybestos-Manhattan, Inc., has been announced by William S. Simpson, assistant general manager.

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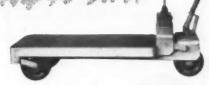
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Mr. Beers has been associated with the firm since 1941, and has been foreman of the heating and curing department for the past four years.

#### \* \* \*

TWO VICE PRESIDENTS have recently been elected by the board of directors of Plastic Manufacturers, Inc., of Stamford.

Warren E. Gill, who was formerly plant superintendent of the Container Corp. of America, will be in charge of operations. He is a graduate of the University of Minnesota and received his Master of Business Administration degree from Harvard Business School in 1937.

Karl J. Walter has been with the company for eight years as district sales manager in New York City and general sales manager. In his new capacity as vice president, Mr. Walter will continue to be in charge of sales.

He was formerly president and general manager of his own heating and air conditioning business and served as factory branch manager for the Williamson Heater Co. of Cincinnati, Ohio.

★ ★ ★
FOR ITS CONTRIBUTION toward

the "outstanding defense and extension of the American way of life," the Stamford-Greenwich Manufacturers' Council has been awarded a bronze medal and one hundred dollars in cash by the Freedoms Foundation. Benjamin Bogin, chairman of the Council accepted the award at ceremonies held at Columbia University on May 3.

In commenting on the occasion Mr. Bogin said, "The Stamford-Greenwich Manufacturers' Council feels highly honored in being selected by the Freedoms Foundation for this award. Our Manufacturers' Council is working 365 days a year to help make Stamford and Greenwich better communities and to further our American way of life."

This is the second award received by the Council. Last year the group received a Certificate of Merit. Stamford also has two other recipients of this year's honors. One is Radio Station WSTC who received a Certificate of Merit for their program, "Stamford High School Day." The other is Frederick Bowes, Jr., director, public relations and advertising, Pitney-Bowes, Inc., Stamford, for his speech delivered before the National Office Management Association.

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## **BUSINESS TIPS**

from

School of Business Administration University of Connecticut

#### EARNINGS AND DIVIDENDS

By HARRY D. KERRIGAN\*

TODAY many concerns report that their sales and earnings are at all-time highs. The daily press and the flood of annual reports for 1950 reaching us are frequent reminders of this fact. Yet it is well known that these concerns have not paid dividends (in cash, on their common stock) at anywhere near the pace set by higher reported earnings.

Dividends Usually Less than Earnings. Dividends rarely equal earnings. Usually they are less. Perhaps the foremost reason is that concerns prefer to pay dividends at a steady, if slender, rate. The idea is that good years should be used to store-up earnings. In bad years—when results of current operations do not justify dividends—the stored-up earnings form a ready source

for continuing dividends.

And there are other reasons. A concern may be restricted from paying as much dividends as it might wish to pay by the terms of existing agreements with creditors. Thus in one case, a manufacturer's balance sheet showed Earned Surplus—\$3,886,780, with reference to a footnote which stated that all but \$880,000 of this amount was restricted as to dividends in accordance

with an agreement with a creditor (an insurance company) to maintain a certain ratio of assets to long-term notes payable. A further reason is that a concern may pursue a policy of gradually replacing borrowed capital with equity capital in the form of earnings retained.

Our interest here lies in the current importance of still another reason. It is a concern's need for new funds. This can come from only two sources. One source is creditors—by way of new loans. The other source is stockholders -directly, by selling new shares, and indirectly by withholding a portion of earnings. Our interest is further founded on the fact that expansion in the post-war years has largely been financed through stockholders' funds, especially by the indirect method mentioned. It may therefore be of interest to illustrate by a case or two the current trend of smaller dividends in relation to reported earnings, followed by a brief inquiry into the factors behind the trend and what important implications, if any, are suggested by the trend.

Trend of Smaller Dividends in Relation to Earnings. The first illustration is the record of a shirt manufacturer (figures are in millions of dollars):

	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Earnings	3.0	2.5	2.5	1.9	2.2	5.1	5.3	4.6	2.2	5.7
Dividends	2.0	1.5	1.4	1.4	1.4	2.0	2.0	2.1	1.4	2.1

The second illustration is that of a mail order house which in recent years has opened up thousands of branch retail stores (figures are in millions):

Earnings 27.4 26.4 20.7 21.3 22.9 52.3 59.0 68.2 47.8 74.2 Dividends 11.8 11.8 11.8 11.8 11.8 19.6 20.9 20.9 20.9 27.4

\* Professor of Accounting.



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NEW BRITAIN, CONN. Phone: 3-0626 MILFORD, CONN. Phones 2-0997 Factors Behind Trend. The pressure for new funds has come from expanding operations. The pressure may take the more or less "legitimate" form of larger production and sales. This form is termed "legitimate" in the sense that it is but a natural development for healthy concerns to keep on growing in response to increasing demand for their products.

The pressure for new funds is also due to the marked rise in the price level of goods and services. Business concerns—no less than individuals—are caught in the upward spiral of prices. Business concerns—no less than individuals—find higher living costs pressing hard upon their cash resources. It is a familiar experience today for concerns—as it is for individuals—to require larger cash outlays than a year ago to finance a given level of operations. The same is

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to be said of a comparison of a year ago with the year before that, and so on back through the post-war years.

In meeting these pressures for new funds, concerns have resorted to smaller dividends in relation to earnings. To be sure, this is but one of the solutions that have been availed of—but it is a

very important one.

Are There "Paper Profits"? Is there a suggestion in the need to withhold earnings—in the degree noted—that such earnings are but "paper profits"? If one weighs his answer by thinking of the technical accounting procedures observed in the measurement of earnings, he is bound to answer that the profits are real. They are real in the sense that generally accepted methods were employed in measuring and reporting the earnings. They are real in that the methods used to measure and report earnings are the same as those of prior years.

A growing segment of the business world is however, asking a serious question. The question is whether the longstanding methods for the measurement and reporting of enterprise earnings are still valid under current conditions. An increasingly critical segment of the business world is pointing to the underlying assumption of generally accepted methods—that a dollar is of unchanging value—and declaring that it is an assumption which no one—not even an accountant—is prepared to defend today.

Although the earnings measured and reported have stood the test of compliance with generally accepted procedures, they do not show up anywhere near as well in other equally reasonable tests. Thus they are not available—to the extent withheld by the concern—to the stockholders who own the concern. They are not available in the form of extra compensation to the workers; on the negative side, they tend to mislead the workers in exaggerated notions of how prosperous their employer really is.

Continuing, the higher earnings of today are not particularly comforting to the concern's creditors, for in a period of rising prices debts are easily contracted and more easily repaid (in "dollars"). And an income tax law which narrowly limits itself to the "Quantum" of dollars earned may well be making a capital levy under the guise of taxing income-thereby draining away substantive capital on which the enterprise depends for continuing in business. Finally, it is doubted if earnings measured in accordance with conventional standards actually add to the funds required by a concern to finance expanded operations in the legitimate form mentioned above, namely, larger production. About all that can be expected is that there are funds to reinvest in a given level of operations, after allowing for the increased outlays necessary to replace goods and services sold.

This article must leave to another time a discussion of the positive efforts of accountants in cooperation with business men to meet the serious defects of conventionally accepted methods of measuring and reporting enterprise earnings along the lines noted. It should be said, however, that the problem is receiving earnest attention.





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### **ACCOUNTING HINTS**

Contributed by the Hartford Chapter National Association of Cost Accountants to stimulate the use of better accounting techniques in industry.

#### **Renegotiation of Government Contracts**

N March 23 of this year, the President signed the Renegotiation Act of 1951. That act broadens the coverage of renegotiation rules and re-establishes contract renegotiation on a basis somewhat similar to that in effect during World War II.

In general, the act provides for the elimination, through renegotiation, of any excessive profits realized on business done under contract (or renegotiable subcontract) with certain government departments.

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Under the act, contractors are subject to renegotiation on the basis of their income from all renegotiable business during each fiscal year. A contractor is, however, exempt from renegotiation for any fiscal year in which his gross receipts and accruals from renegotiable business total less than \$250,000.00.

The act places certain responsibilities on contractors. Among other things, contractors must segregate sales and allocate costs and expenses between renegotiable and non-renegotiable busi-

Contractors must file preliminary statements with the Renegotiation Board within a specified period after the close of each fiscal year. If some of a contractor's business is renegotiable, additional information may be asked for and renegotiation proceedings may be carried on by the Board to determine whether any part of the profit realized has been excessive.

The Renegotiation Act is of interest and concern to industrial leaders generally and its impact will be felt particularly by the accounting staffs of industrial organizations. For their information, a short digest of those parts of the act which indicate its scope is given below.

A. The act applies to all receipts and accruals after January 1, 1951 attributable to performance after July 1, 1950 on all contracts and related subcontracts with the Departments of Defense, Army, Navy, Air Force, Commerce, General Service Administration, Atomic Energy Commission, Reconstruction Finance Agency and such other agencies of the Government exercising functions having a direct and immediate connection with the national defense as the President may subsequently designate.

B. Section 104 of the act requires the Secretary of each Government Department referred to above to insert in each contract made by such Department thirty days or more after the date of the enactment of the Renegotiation Act of 1951 a provision under which the contractor agrees (1) to the elimination of excessive profits through renegotiation, (2) that there may be withheld by the United States from amounts otherwise due the contractor, or that he will repay to the United States, if paid to him, any excess profits; (3) that he will insert in each subcontract a provision under which the subcontractor agrees to (1) and (2) above and (3) the contractor shall be relieved of all liability to the subcontractor on account of any amount withheld, or so repaid by the subcontractor to the United States and (4) that he will insert in each subcontract provisions corresponding to (1), (2), and (3) above. The Contractor also agrees that there may be withheld by the United States from amounts otherwise due the Contractor or that he will repay to the United States, as the Secretary may direct, any amounts which under Section 105(b)(1)(C) the contractor is directed to withhold from a subcontrac-

(Continued on page 41)

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Employee relations executives agree that much of the literature their employees read distorts their thinking about business and management. The following question was asked by a leading research organization recently:

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The replies were as follows:

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42%	said		0			0	0		4	0	0	0	0		0	0		. Labor Unions
15%	said		0	D	0	0	0	0		0	0	0	0	0	0		0	. American Business

The poor showing of American Business might be attributed to two factors: 1. Much of the literature read by the employee creates wrong thinking; 2. Much of the literature distributed by the payroll enclosure method, no matter how noble the purpose, is labeled company propaganda in the reader's mind.

#### A SOLUTION TO THE PROBLEM

In cooperation with leading industrialists The National Research Bureau. one of the world's largest fact-finding organizations, is establishing Information Rack Centers in manufacturing plants and commercial establishments across the country. A staff of twenty-five editors review thousands of pieces of literature . . . books, magazine articles, booklets and articles on every subject of interest and of value to the employee. This vast amount of literature is digested for employee consumption. Most pamphlets are ten percent of the length of original articles. Through Information Rack Centers, employees take literature on a voluntary basis. Thus, positive thinking is developed through scientific distribution of literature.











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### **BUSINESS PATTERN**

A comprehensive summary of the ups and downs of industrial activity in Connecticut for the thirty day period ending on the 15th day of the second previous month.

N March the index of general business activity in Connecticut, at an estimated 46% above normal, remained unchanged from the preceding month. After advancing 25 points between May and November of last year the index has held within one percentage point of the present standing throughout the past five months. During March increases in manhours worked and cotton mill activity were offset by decreases in freight shipments and construction with employment showing no change from the previous month. The United States index of industrial activity rose one point in March to an estimated 32% above normal compared with 19% a year ago.

The index of manhours worked in Connecticut factories is estimated at 61% above normal in March, up one point from the February level. A year ago the manhour index stood at 25% above normal. With employment holding level, a moderate gain in average hours worked per week, 42.8 to 43.0, accounted for the slightly higher man-

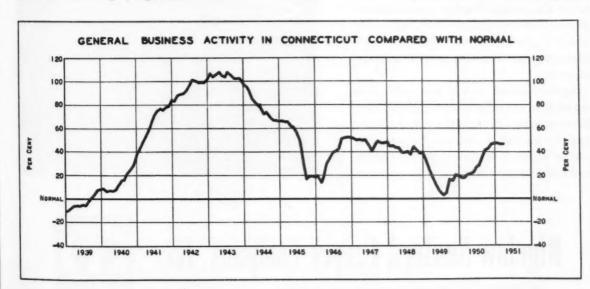
hour figure. The increase in average hours worked together with a slight rise in basic hourly earnings from \$1.49 to \$1.50 resulted in an advance in average weekly earnings from \$65.86 in February to \$66.77 in March. The following table shows the changes which have taken place in hours worked, weekly earnings and basic hourly earnings in this state since the start of the Korean war last July:

	Average Hours	Average Weekly	Basic Hourly
	Worked	Earnings	Earnings
1950			
July	41.4	\$58.36	\$1.39
Aug.	42.2	60.27	1.39
Sept.	42.8	62.17	1.41
Oct.	43.0	63.65	1.43
Nov.	42.9	64.44	1.45
Dec.	43.3	65.96	1.47
1951			
Jan.	43.0	65.65	1.48
Feb.	42.8	65.86	1.49
Mar.	43.0	66.77	. 1.50

The index of employment in Connecticut factories moved sideways in March at an estimated 40% above normal. Prior to the current month the employment index has risen consistently throughout the past year moving up from 20% above normal to the present standing. In July 1949 when employment in this state was at a low postwar level, non-agricultural employment totaled 694,000 compared with 797,-000 at the present time, an increase of 15%. During the same period manufacturing employment rose from 323,-000 to 410,000, a gain of 27%. Meanwhile non-manufacturing employment advanced from 371,000 to 387,000, a rise of 4%.

In March the index of freight shipments originating in eight Connecticut cities declined one percentage point to 11% above normal. The freight index is now six points above the standing of a year ago having averaged 14% above normal during that period compared with 1% below normal for the preceding twelve months.

The index of construction work in progress is estimated at 104% above normal in March. The index has registered better than 100% above normal in eight of the last nine months. During 1948 total contract awards averaged 4,900,000 square feet of floor space per quarter with residential building accounting for 62% of the total. In 1949 awards were somewhat lower averaging 4,400,000 square feet of which 67% was residential. The year 1950 produced the greatest building boom in history and awards in this state averaged



# 268 Ways to make more and better carpets at lower cost!

## The BIGELOW-SANFORD productivity program — an interim report

Last May we invited the Bigelow-Sanford engineering staff—assembled at a Company conference on productivity—to postpone for a moment their day-to-day projects to answer this question:

"What are Bigelow-Sanford's most needed engineering ideas?"

Our 93 engineers came up with 268 suggestions... sound, practical proposals of real value to the Company. Many are already "work in progress".

This is just one example of Bigelow-Sanford's long-range productivity program—which has been stepped up to high gear since the end of World War II. Its objective: to expand the worker's capacity to produce more and better carpets at lower cost—by giving him better tools and better ways to use them.

The program is paying off. The hourly output of the average Bigelow production employee is now approximately 30% higher than it was in the best years before the war—helping to offset increased material costs and wage rates.

Bigelow-Sanford makes and sells more carpets than any other company in the world. We never expect to reach the end of our productivity program . . . because the search for a better way to do things is profitable—for the stockholder, the employee and the customer.



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7,400,000 square feet per quarter, 71% residential, with the highest activity occurring in the second and third quarters, stimulated by the early stages of the Korean war. Although awards have fallen off somewhat in recent months due partly to seasonal influences, they are still being placed at a relatively high level. Since construction activity occurs in the months following the placing of contracts actual building in progress is continuing at a record level.

The index of cotton mill activity in Connecticut was 59% above normal in March. Activity in the cotton mills of eastern Connecticut rose sharply in August of last year and has remained at a high level since then, with the index averaging 50% above normal for the eight month period.

Prices are now showing some tendency to level off after having risen sharply since this time last year. The wholesale commodity index (1926=100), compiled by the Bureau of Labor Statistics, stood at 183.3 on April 7 against 183.5 as of March 10 and compared with 152.5 in April 1950. The Bureau's consumers' price index (1935-1939=100) advanced to 184.5 in March from a standing of 168.4 in the corresponding month of last year.

#### **Accounting Hints**

(Continued from page 37)

tor and which are actually unpaid at the time the Contractor receives such direction.

C. Section 105 (f) of the new act states that, in general, if the aggregate of the amounts received or accrued during a fiscal year by a contractor or subcontractor, and all persons under common control of or controlling or under common control with the contractor or subcontractor, under contracts with the Departments and subcontracts described in Section 103(g)(1) and (2), is not more than \$250,000.00, the receipts or accruals from such contracts shall not, for such fiscal year, be renegotiated under this title.

D. Section 105 of the act grants certain mandatory exemptions from Renegoriation which apply to (1) any contract by a Department with any Territory, Possession, or State or any agency or political sub-division thereof, or with any foreign government or agency thereof (2) any contract or sub-contract for an agricultural commodity in its raw or natural state, or if the commodity is not customarily sold or has not an established market in its raw or

natural state, in the first form or state, beyond the raw or natural state, in which it is customarily sold or in which it has an established market (3) any contract or subcontract for the product of a mine, oil or gas well, or other mineral or natural deposit, or timber. which has not been processed, refined, or treated beyond the first form or state suitable for industrial use (4) any contract or subcontract with a common carrier for transportation, or with a public utility for gas, electric energy, water, communications, or transportation, when made in either case at rates not in excess of published rates or charges filed with, fixed, approved, or regulated by a public regulatory body, State, Federal, or local, or at rates not in excess of unregulated rates of a public utility which are substantially as favorable to users and consumers as are regulated rates (5) any contract or subcontract with an organization exempt from taxation under Section 101 (6) of the Internal Revenue Code (6) any contract which the Board determines does not have a direct and immediate connection with the National Defense and (7) any subcontract directly or indirectly under a contract or subcontract to which this title does not apply by reason of this subsection.

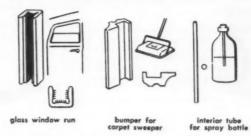
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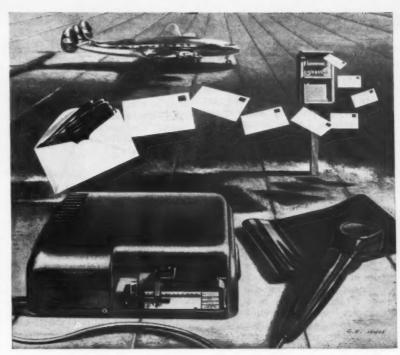
#### Editorial

(Continued from page 5)

so essential to the winning of "peace with freedom", either with or without war, then such leadership must be built on the morality of its individual citizens. Instead of seeking to encourage that morality our federal administration and lawmakers destroy it by approving budgets without providing the legitimate tax income to meet them and by passing legislation to control prices and wages which can only be controlled by the natural law of "supply and demand" operating in a free market. If we are to contain present fast-moving inflation and retain our freedoms during a "cold" or "hot" war period, estimated to last anywhere from 5 to 20 years, then we must be ruthless in preventing it by the proper methods before we fall victims to the ruthlessness of an absolute dictatorship and failure.

The methods I suggest are as follows: 1. Forcing our Federal Government to reduce its cash expenditures by at least \$7 billion from the \$74 billion proposed for 1952. 2. Prompt enactment of a sound tax bill which will balance the budget with a billion dollars or more to spare for payment on our alarmingly high national debt. 3. Termination of price and wage controls when they expire on June 30. 4. Restriction of credit adequate to prevent pumping of inflationary dollars into our economic system. 5. Introduction of a program to promote individual savings, which can best succeed when accompanied by sound tax and legislative policies that will encourage increased production and investment by individuals in private enterprise.

Although prices may rise more rapidly than at present for a short period after price controls are re-moved, if the government follows the other four recommendations to safeguard the value of our dollars, the prices will soon stabilize and remain that way so long as these recommendations are followed. The longer we attempt to hold down prices by laws which run counter to natural economic law, the more rapid the rise will be when they are finally removed. In fact, many constitutional authorities doubt that we will ever return to the basic concept of our republican form of government if the present price and wage control laws together with amendments suggested by the Admin-



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istration are permitted to remain on our statute books for a period of anywhere from two to five years.

Are you a defeatist when you think of accomplishing the five point program I have suggested? If you are, think or read of the overwhelming odds against Washington and his small ill-equipped army. Think of the odds against Lincoln accomplishing his purpose. Think of the apparent hopelessness of our position after Pearl Harbor and the terrific odds against our armed forces in Korea which one by one have been overcome as they arose. Think, too, of the slim chances of success that were turned into victories through faith coupled with relentless effort on the part of many Connecticut inventors and developers of new industrial products.

Nothing less than an unbreakable faith in the rightness of our American economic system and the will to crusade for it with vigor equal to the examples I have cited, will save this nation from self-inflicted ruinous inflation or provide escape from totalitarian rule for ourselves and other freedom loving peoples. Let us hasten, then, to speak up now to our representatives in Congress while becoming as effective as Paul Revere in warning others to join in the fight for common sense and freedom on the home front. With the moral courage many times used by our forebears and by many of our sons now in Korea, we can win that fight. Lesser courage to fight inflation by methods I have suggested, will ultimately bring financial ruin to this nation and plunge the whole free world into another dark age of servitude to a master state.

#### A Personnel Manager Thinks Out Loud

(Continued from page 9)

follow his recommendations. Right along with this, it will be a "natural" for the nurse to fall in with my safety work, thereby relieving me, so that I can start on that real job training program I've been dreaming about for five years; and don't think that won't be another saving. Get these people trained before they tackle the job and I'll bet we have fewer accidents and less turnover. Well, Davis, here I come—just as soon as I can tell you exactly what the qualifications of this

nurse should be and to whom we can turn for help in finding her.

#### Qualifications of an Industrial Nurse

The National Manufacturers Association has listed the necessary qualifications in a brochure it published, entitled "Qualifications of An Industrial Nurse." The qualifications considered essential read as follows:

#### "A. Personal:

- An intelligent, open mind with good judgment and emotional stability; a healthy attitude toward co-workers, employees and to the job itself.
- Good physical health and neat grooming.

#### "B. Professional:

- Graduation from a school of nursing accredited by the State Board of Nurse Examiners.
- 2. License to practice in the state or province.
- Unless offset by other qualifications, preference should be given to those who have satisfactorily completed courses in Industrial Nursing.
- Preference should also be given to those who have had successful extended experience in industry.
- To keep up-to-date, participation in professional organizations and subscriptions to one or more of her professional publications are desirable.
- At least one year's experience in the practice of nursing following graduation from nursing school.

#### "C. Experience:

- A substantial background in several phases of graduate nursing, any of which might be the operating room, hospital emergency clinics, community agencies or administration. Experience in working with people emotionally or physically handicapped is also desirable.
- The nurse working alone or in a supervisory position must possess organizing ability and an appreciation of business methods.
- A knowledge of typewriting and stenography are desirable in instances where clerical aid is not readily available.
- "The fact that an individual is a graduate registered nurse with at

least one year of practical experience in nursing is no assurance that she has all the qualities herein outlined. However the successful growth of industrial nursing has been built on these factors. They have proved their worth.

"The industrialist, long experienced in appraising skills and personalities, understands that only a trial period on the job will determine the nurse's adaptability to her task. To this end he will support her in providing suitable working conditions and in establishing clearly her position in the organization. Her work then will reach its maximum usefulness."

### Where to Locate a Qualified

Now, where can we turn to get assistance in finding a nurse for our plant? The Connecticut State Nurses' Association, 252 Asylum Street, Hartford, Connecticut, conducts a professional counseling and placement service for registered nurses and employers of nurses.

They have on file the professional records of registered nurses. This includes the nurse's education, experience and references from all her previous employers.

If you wish to use this service you complete a "job description" of your position on a form the Nurses' Association is glad to send you.

It's as simple as that! No writing for references, no long interview to know the nurse's background. You have her record before you interview her.

And there is no fee! The Connecticut State Nurses' Association offers it as a service to its members and the community.

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zur mer miterination by mitems	- Par canonic	(Advertisement)
Accounting Forms Baker-Goodyear Co The New Haven	Automatic Control Instruments Bristol Co The (temperature, pressure, flow,	Bends—Pipe or Tube National Pipe Bending Co The
Underwood Corporation Machines Bridgeport	humidity, time) Waterbury  Automobile Accessories	Bent Wood Products
Underwood Corporation Bridgeport	Kilborn-Sauer Company (lights and other acces- sories) Fairfield	Sorensen & Peters Inc Pawcatuck Bicycle Coaster Brakes
Advertising Specialties H C Cook Co The 32 Beaver St Waterbury Companies Inc Waterbury	Raybestos Div of Raybestos-Manhattan Inc The (brake lining, rivet brass, clutch facings, packing) Bridgeport	New Departure Div General Motors Corp Bristol
Advertising Novelties	Automotive Bodies  Metropolitan Body Company  Bridgeport	New Departure Div General Motors Corp
pot-holders) Gilman	Automotive Friction Fabrics Russell Mfg Co The Middletown	Binders Board Colonial Board Company Manchester
Russell Mfg Co Middletown  Air Compressors	Automotive Parts	Colonial Board Company Manchester  Biological Products  Ernst Bischoff Company Inc Ivoryton
Airline Manufacturing Company The Warehouse Point	Eis Manufacturing Co (Hydraulic and Me- chanical) Middletown	Blacking Salts for Metals
Spencer Turbine Co The Hartford Air Conditioning	Automotive & Service Station Equipment Raybestos Div of Raybestos-Manhattan Inc The (brake service machinery) Bridgeport	Mitchell-Bradford Chemical Co Bridgeport  Blades  Capewell Manufacturing Company Metal Saw
Norwalk Airconditioning Corp The (forced air heating units oil fired) South Norwalk	Scovill Manufacturing Company (Canned Oil Dispensers) Waterbury 91	Division (hack saw and band saw) Hartford Blankets—Automatic
The Torrington Manufacturing Co Torrington	Eis Manufacturing Company Middletown	General Electric Company Bridgeport
Sikorsky Aircraft Division United Aircraft Corporation (helicopters) Bridgeport	Waterbury Companies Inc Waterbury Bags-Paper	Bleaching, Dyeing, Printing & Finishing Glasgo Finishing Co The United States Finishing Company The (textile fabrics)
Alrcraft Accessories Chandler Evans Division Niles-Bement-Pond	American Paper Goods Company The Kensington	fabrics) Norwich  Blocks  Howard Company (cupola fire clay) New Haven
Co (jet engine accessories, aircraft carbu- retors, fuel pumps, water pumps and Protek	Watertown Mfg Co The Watertown	Blower Fans Colonial Blower Company Plainville
west Hartford Warren McArthur Corp (Airplane Seatings) Bantam	Abbott Ball Co The (steel bearing and burnish-	Spencer Turbine Co The Hartford Blower Systems
Gorn Electric Company Inc Stamford	ing) Hartford Hartford Steel Ball Co The (steel bearing and	Colonial Blower Company Plainville Ripley Co Middletown
Aircraft-Repair & Overhaul Airport Department Pratt & Whitney Aircraft	burnishing, brass, bronze, monel, stainless aluminum) Hartford	Blueprints and Photostats Joseph Merritt & Co Hartford
Division Rentschler Field East Hartford United Airports Div United Aircraft Corp Rentschler Field East Hartford	Kilian Steel Ball Corp The Hartford Banbury Mixers	Bigelow Co The
Air Ducts Wiremold Co The (Retractable) Hartford	Farrel-Birmingham Company Inc Ansonia Barrels	Petroleum Heat & Power Co (domestic only) Stamford Bolts and Nuts
Air Heaters—Direct Fired Peabody Engineering Corporation Stamford	Abbott Ball Co The (burnishing and tumbling) Hartford Hartford Steel Ball Co The (tumbling)	Blake & Johnson Co The (nuts machine screw- bolts, stove) Waterville
Aluminum Castings Eastern Malleable Iron Company The	Bathroom Accessories	Clark Brothers Bolt Co Milldale O K Tool Co Inc The (T-Slot) 33 Hull St Shelton
Newton-New Haven Co 688 Third Avenue	Autoyre Company The Oakville Charles Parker Co The Meriden	Clairglow Mfg Company Portland
Charles Parker Company The Meriden	Bath Tubs Dextone Company New Haven	Bottle Openers Scovill Mfg Co (steel, anodized aluminum)
Scovill Manufacturing Company Waterbury 91	Bond Electric Corporation Division of Olin	Box Board Waterbury
Lapides Metals Corp New Haven	Industries Inc (flashlight, radio, hearing aid and others) New Haven	Lydall & Foulds Paper Co The National Folding Box Co Inc New Haven New Haven New Haven
Aluminum—Sheets & Colls United Smelting & Aluminum Co Inc New Haven	Winchester Repeating Arms Co Division of Olin Industries Inc (flashlight, radio, hear- ing aid and others) New Haven	New Haven Pulp & Board Co Robertson Paper Box Co Gair Company Inc Robert  New Haven Montville Montville
Remington Arms Co Inc and Peters Cartridge Div Bridgeport	Beads and Buttons Waterbury Companies Inc (metal) Waterbury	Airline Manufacturing Company (steel cash,
Winchester Repeating Arms Company Division Olin Industries Inc.	Bearings Fafnir Bearing Co. (ball)  New Britain	bond, security and small boxes) Warehouse Point Clairglow Mfg Company (metal) Portland
Anodizing Conn Metal Finishing Co Hamden	New Departure Div of General Motors (ball)  Bristol  Norma-Hoffmann Bearings Corp (ball and	Connecticut Container Corporation New Haven Merriam Mfg Co (steel cash, bond, security,
Anodizing—Aluminum All Brite Chemical Co (also coloring) Oakville	roller) Bellows	fitted tool and tackle boxes) Durham Gair Company Inc Robert (corrugated and
Apparel Fabrics—Woolen & Worsted Broad Brook Company Broad Brook	Bridgeport Thermostat Company Inc (metallic) Bridgeport	solid fibre shipping containers) Montville Boxes and Crates City Lumber Co. of Bridgesport Inc. The
Artificial Leather Permatex Fabrics Corp The Jewett City	Bellows Assemblies Bridgeport Thermostat Company Inc	City Lumber Co of Bridgeport Inc The Bridgeport Boxes—Paper—Folding
Asbestos Auburn Manufacturing Company The (gaskets,	Bellows Shaft Seal Assemblies	Atlantic Carton Corp Norwich Bridgeport Paper Box Co Bridgeport
packings, wicks) Middletown Raybestos Div of Raybestos-Manhattan Inc The	Bridgeport Thermostat Company Inc Bridgeport	Carpenter-Hayes Paper Box Co Inc The East Hampton
(brake linings, clutch facings, sheet packing and wick)  Bridgeport	Bevin Brothers Mfg Co Gong Bell Co The East Hampton East Hampton	Folding Cartons Incorporated (paper, folding) Versailles M S Dowd Carton Co Groton
Colt's Manufacturing Company Hartford	Gaynor Electric Company Inc (and buzzers) Bridgeport	National Folding Box Co Inc (paper folding) New Haven
Assemblies-Small Greist Manufacturing Co The New Haven	N N Hill Brass Co The East Hampton Belt Fasteners	New Haven Pulp & Board Co The New Haven Robertson Paper Box Co Montville
Han-Dee Spring and Manufacturing Co The (Small) Hartford	Bristol Company The Waterbury Saling Manufacturing Company (patented self-	Gair Company Inc Robert Montville S Curtis & Sons Inc Sandy Hook Wasses Besthers Company The
J H Sessions & Son Wallace Barnes Co The Div Associated Spring Corp Bristol	aligning) Unionville  Belting	Warner Brothers Company The Bridgeport  Boxes—Paper—Setup
Auto Cable Housing Wiremold Company The Hartford	Hartford Belting Co Russell Mig Co The Thames Belting Co The Norwich	Bridgeport Paper Box Co Heminway Corporation The Strouse Adler Company The  Bridgeport Waterbury New Haven
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Braided Fiberglass Sleeving	Burs	Chain—Bead
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Manufacturing Co Middletown	B Schwanda & Sons Staffordville	Chemical Manufacturing
Brake Linings bestos Div of Raybestos-Manhattan Inc The	L C White Company The Waterbury	Carwin Company The North Have:
automotive and industrial) Bridgeport	Frank Parizek Manufacturing Co The West Willington	American Cyanamid Company Waterbur
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Brass & Bronze	Dress) Waterbury Cabinets	Naugatuck Chemical Division United State
ibes) Waterbury	Charles Parker Co The (medicine) Meriden	Rubber Co Naugatuc
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Waterbury 92 stern Brass Mills Division of Olin Indus-	Carpenter's Tools	Howard Company (Fire Howard "B" and Hi Temperature Dry) New Hav
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Brick-Building	George P Clark Co Windsor Locks	Lux Clock Mfg Co The Waterbu New Haven Clock and Watch Co The (spri
nnelly Brick Co The New Britain Bricks-Fire	Bradley & Hubbard Mig Co The (grey iron,	& electric) New Hay
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Bright Wire Goods	Connecticut Foundry Co (grey iron)	Clocks-Automatic Cooking
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Hooks) New Haven	iron castings) New Haven Charles Parker Company The (grey iron, brass,	Clutches Snow-Nabstedt Gear Corp The New Hay
rtford Special Machinery Co The Hartford	bronze, aluminum) Meriden	Clutch Facings
Brooms—Brushes	bronze, aluminum) Meriden Eastern Malleable Iron Company The (malle- able iron, metal and alloy) Naugatuck	Russell Mfg Co The Middleto
ller Brush Co The Hartford	Farrel-Birmingham Company Inc (Mechanite,	Clutch-Friction
Schwanda & Sons Staffordville	Nodular Iron, Steel)  Gillette-Vibber The (grey iron, brass, bronze,	Raybestos Div of Raybestos-Manhattan Inc 7 clutch facings-molded, woven, fabr
theway Mfg Co The (Dee Rings) Bridgeport	aluminum, also Bronze Bushing Stock)	clutch facings—molded, woven, fabr metallic) Bridgep
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n M Russell Mfg Co Inc Naugatuck	Plainville Casting Company (gray, alloy and high tensile irons) Plainville	General Electric Company Bridgep
rth & Judd Manufacturing Co New Britain tent Button Co The Waterbury	Revere Corporation of America (precision investment) Wallingford	National Pipe Bending Co The
Buffing Compounds	investment) Wallingford John M Russell Mfg Co Inc (brass, bronze and	160 River St New Hay
berts Rouge Co The Stratford	aluminum) Naugatuck	Whitlock Manufacturing Co The Hartfe
Buffing & Polishing Compositions	Malleable Iron Fittings Co (malleable iron and steel) Branford	Coin Tokens Waterbury Companies Inc Waterbu
othecaries Hall Co Waterbury	McLagon Foundry Co (grey iron) New Haven	Commercial Heat Treating
Mig Co Buffing Wheels Waterbury	Newton-New Haven Co (zinc and aluminum) 688 Third Ave West Haven	A F Holden Company The 52 Richard St West Ha
Illiamsville Buff Div The Bullard Clark Company Danielson Burners	Philbrick-Booth & Spencer Inc (grey iron) Hartford	Commercial Truck Bodies Metropolitan Body Company Bridger
ume & Atwood Mfg Co The (kerosene oil lighting) Waterbury	Scovill Manufacturing Company (Brass & Bronze) Waterbury 91 Sessions Foundry Co The (grey iron) Bristol	Comparators Pratt & Whitney Div Niles-Bement-Pond
Burners-Automatic	Union Mfg Co (grey iron & semi steel) New Britain	(Electro-limit and Air-O-Limit) West Harti
abody Engineering Cornoration Stamford	Waterbury Foundry Company The (highway &	Compressors
Burners—Coal and Oil Engineering Corporation (Com- Stamford	sash weights) Waterbury Wilcox Crittenden & Co Inc (gray iron and brass) Middletown	gas) South Norw
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American Paper Goods Company The ("Puritan")	Ore) Ansonia		Electroplating Processes & Supplies United Chromium Incorporated Waterbury
Cut Stone Dextone Co The New Haven Cutters Barnes Tool Company The (pipe cutters, hand)  Russell Mfg Co The New Haven Electric Appliances General Electric Company Bridgeport Electric Cables  Russell Mfg Co The Middletown New Haven Electrotype Div Electrog New Haven Electrog New Haven Electrotype Div Electrog New Haven Electr	American Paper Goods Company The ("Puri-	Ansonia Mills Inc Ansonia	W T Raynum & Co Inc (all classes) New Have
Cutters  General Electric Company  Barnes Tool Company The (pipe cutters, hand)  Electric Cables  Electric Cables  Eastern Machinery Co The (passenger	Cut Stone	Russell Mfg Co The Middletown	New Haven Electrotype Div Electrographi
Barnes Tool Company The (pipe cutters, hand)		General Electric Company Bridgeport	Elevators
New Haven Rockbestos Products Corp (aspestos insulated) freight)	Barnes Tool Company The (pipe cutters, hand) New Haven	Rockbestos Products Corp (asbestos insulated)	freight) New Have
O K Tool Co Inc The (inserted tooth milling) 33 Hull St  Electric—Commutators & Segments  Electric—Commutators & Segments	O K Tool Co Inc The (inserted tooth milling)		Enameling
Pratt & Whitney Div Niles-Bement-Pond Co Cameron Elec Mfg Co The (rewinding motors) Conn Metal Finishing Co H.	Pratt & Whitney Div Niles-Bement-Pond Co	Cameron Elec Mfg Co The (rewinding motors)	Conn Metal Finishing Co Hamder
	The state of the s		(Advt.

Enameling and Finishing
Clairglow Mig Co Portland

Clairglow Mfg Co End Milling Cutters Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Pratt & Whitney Corp (aircraft)

Wolverine Motor Works Inc (diesel stationary marine)

West Hartford

Engines

Corp (aircraft)

East Hartford

(diesel stationary Bridgeport Envelopes

Curtis 1000 Inc United States Envelope Company Hartford Division Hartford

Envelopes-Stock and Special American Paper Goods Company The The Kensington Extractors—Tap
Walton Company The West Hartford

Walton Company The

Eyelets
American Brass Company The
L C White Company The
Platt Bros & Co The P O Box 1030 Waterbury
Plume & Atwood Mfg Co The
Scovill Manufacturing Company Waterbury 91
Eyelets, Ferrules and Wiring Terminals
American Brass Company The
Waterbury Companies Inc
Eyelet Machine Products
Waterbury Waterbury
Waterville Mfg Co The (size 15 machines only)
Waterville Water

machines Waterville

Fabricated Anoys Rolock Inc (Heat Treating, Finishing) Southport

Fancy Dress Buttons and Buckles Waterbury Companies Inc Water Waterbury Fans-Electric General Electric Company Bridgeport

Fasteners—Silde & Snap

G E Prentice Mfg Co The
Scovill Manufacturing Company
slide fasteners)

Waterbury 01

Felt Auburn Manufacturing Company The (mechanical, cut parts) Middletown uburn Manufacturing cal, cut parts) Middletown rycor Felt Company (paper makers and in-Staffordville

dustrial)
Felt—All Purpose
American Felt Co (Mill & Cutting Plant)
Glenville Chas W House & Sons Inc (Mills & Cutting Unionville

Sponge Rubber Products Co Inc Shelton Fibre Board

Case Brothers Inc
C H Norton Co The
Rogers Corporation (Specialty)
Stevens Paper Mills Inc The Manchester North Westchester ty) Manchester Windsor Film Spools

Watkins Manufacturing Co Inc Milford Finger Nail Clippers
H C Cook Co The 32 Beaver St Ansonia

H C Cook to ane
File Cards
Standard Card Clothing Co The
Stafford Springs

Firearms Colt's Manufacturing Company
Marlin Firearms Co The
OF Mosberg & Sons Inc
Remington Arms Company Inc
Winchester Repeating Arms Company Division
Olin Industries Inc , New Haven

Fire Hose Fabrics Fire Hose (municipal and industrial)
Sandy Hook

Fireplace Goods
American Windshield & Specialty Co The
881 Boston Post Road
John P Smith Co The (screens) 423-33 Chapel
St

Dextone Co The New Haven Fireworks M Backes' Sons Inc Wallingford

Fishing Tackle
Bevin-Wilcox Line Co The (lines)

H C Cook Co The 32 Beaver St Ansonia Horton Mfg Co The (reels, rods, lines) Bristol Jim Harvey Div Local Industries Inc (net, lurga).

lures)

Flashlights

Bond Electric Corporation Division of Olin
Industries Inc

Bridgeport Metal Goods Mfg Co

Bridgeport Metal Goods Mfg Co

Bridgeport Winchester Repeating Arms Company Division
Olin Industries Inc

Flat Springs Bristol Spring Manufacturing Co Plainville

Bristol Spring Manufacturing
Flexible Shaft Machines
Pratt & Whitney Div Niles-Bement-Pond Co
West Hartford

Floor & Ceiling Plates
Beaton & Cadwell Mfg Co The
Gaynor Electric Co Inc New Britain Bridgeport Fluorescent Lighting Equipment
Vanderman Manufacturing Co The Willimantic
Wiremold Company The Hartford

Food Mixers—Electric General Electric Company Bridgeport Food Mixing Machines Colt's Manufacturing Company

Forgings Clark Brothers Bolt Co Heppenstall Co (all kinds and shapes) Scovill Manufacturing Company (Non-ferrous) Waterbury 91 Bridgeport

Foundries
Connecticut Malleable Castings Co (malleable iron castings)
Farrel-Birmingham Company Inc (Iron and Steel)
Charles Parker Company The (iron, brass, bronze, aluminum)

Company (gray, alloy and prividle iron, brass, bronze, aluminum) Charles Parker Company the bronze, aluminum Plainville Casting Company (gray, alloy and high tensile irons) Plainville Sessions Foundry Co The (iron) Bristol Union Mfg Co (gray iron & semi steel) New Britain News Aluminum Passa, aluminum Wilcox Crittenden & Co Inc (iron, brass, alumi-Middletown

John P Smith Co The 42 423-33 Chapel St New Haven New Haven Rolock Inc (brass, galvanized steel) Fairfield

Fuel Oil Pump and Heater Sets Peabody Engineering Corporation Sta

Furnaces Norwalk Airconditioning Corp The (warm air South Norwalk trial) Fairfield oil fired) Sout S Rockwell Company (Industrial)

Furnace Linings
Mullite Refractories Co The Fuses-Plug and Cartridge
General Electric Company Bridgeport

Gage Blocks
Fonda Gage Company (Fonda lifetime-carbide and steel)

Stamford

Pratt & Whitney Div Niles-Bement-Pond Co
(Alloy steel and Carbide, Hoke and USA)

West Har:ford

Galvanizing Malleable Iron Fittings Co Wilcox Crittenden & Co Inc Branford Middletown

Galvanizing & Electrical Plating
Gillette-Vibber Co The New London Gaskets

Auburn Manufacturing Company The (from all materials) Middletown Raybestos Div of Raybestos-Manhattan Inc The Bridgeport

Gas Range Conversion Burner
Holyoke Heater Corp of Conn., Inc. Hartford
Gas Scrubbers, Coolers and Absorbers
Peabody Engineering Corporation Stamford

Bristol Co The (pressure and vacuum—recording automatic control) Waterbury
Fonda Gage Company (special) Stamford
Helicoid Gage Division American Chain &
Cable Co The (pressure and vacuum)

Streetord

Streetord

Manning Maxwell & Moore Inc Stratford Pratt & Whitney Div Niles-Bement-Pond Co (Precision Measurement, all types) West Hartford

Gears and Gear Cutting
Farrel-Birmingham Company Inc Ansonia
Hartford Special Machinery Co The Hartford

Glass Blowing Macalaster Bicknell Company New Haven Glass Cutters

Fletcher-Terry Co The Forestville Golf Equipment
Horton Mfg Co The (clubs, shafts, balls, bags)
Bristol

A D Steinbach & Sons Inc New Haven

Grinding
The (Precision Centerless Grinding Co Inc The (Precision custom grinding; centerless, cylindical, surfaces, internal and special)

Farrel-Birmingham Company Inc (Roll and Ansonia

Cylindrical)

Hartford Special Machinery Co The (gears, threads, cams and splines)

Hartford Grinding Machines

Farrel-Birmingham Company Inc (Roll) Pratt & Whitney Div Niles-Bement-Pond Co (Surface, Die, Gear and Cutter Grinders) West Hartford

Rowbottom Machine Company Inc (cam) Waterhury

Grommets American Brass Company The Plume & Atwood Mfg Co The Waterbury

Hand Tools

Hand Tools

Bridgeport Hdwe Mfg Corp The (nail pullers, scout axes, box opening tools, trowels, coping saws, putty knives)

James J Ryan Tool Works The (screwdrivers, machinists' punches, cold chisels, scratch awls and nail sets)

Southington

Hardness Testers
Wilson Mechanical Instrument Div American
Chain & Cable Company Inc Bridgeport

Hardware Bassick Company The (Automotive) Bridgeport
P & F Corbin Division The American Hardware
Corp (builders) New Britain
Sargent & Company
New Haven Corp (builders)
Sargent & Company
Wilcox Crittenden & Co Inc (marine heavy
Middletown
Company The ) Manufacturing Company The Stamford Towne

Hardware-Marine & Bus Rostand Mfg Co The

Hardware—Trailer Cabinet
Excelsior Hardware Co The Excelsion Hardware Co The
Hardware, Trunk & Luggage
Corbin Cabinet Lock Div American Hardware
New Britain
Bristol
The

Corp New Bi
J H Sessions & Son B
Yale & Towne Manufacturing Company Stamford

Hat Machinery Danbury Doran Bros Inc Health Surgical & Orthopedic Supports
Berger Brothers Company The (custom made
for back, breast, and abdomen) New Haven Heat Exchangers

Whitlock Manufacturing Co Hartford Whitlock Manuscustus
Heat Elements
Safeway Heat Elements Inc (woven wire reMiddletown

sistance type)

Heat Treating
A F Holden Co The 52 Richard St West Haven
Bennett Metal Treating Co The
1945 New Britain Ave
Driscoll Wire Company The
New Britain Gridley Machine Division
The New Britain Machine Co
Stanley P Rockwell Co Inc The
296 Homestead Ave

Middletown

Middletown

Middletown

Elmwood
Shelton
New Britain
New Britain
New Britain
Hartford

Heat-Treating Equipment
A F Holden Company The 52 Richard Street
West Haven (Main Plant)
Oakville
Oakville West haven Cakville Rolock Inc (Baskets, Muffles, etc.) Southport Stanley P Rockwell Co Inc The (commercial) Hartford Rolock Abertale P Rockwell Co Inc Albertale P Rockwell Co Inc Albertale P Rockwell Co Inc Associated Spring Wallace Barnes Co The Div Associated Spring Bristol

Heat Treating Saits and Compounds
A F Holden Company The
52 Richard Street West Haven
Mitchell-Bradford Chemical Co Bridgeport

Miller Company The (domestic oil burners and

G & O Manufacturing Co Ne New Haven Naugatuck

Heavy Chemicals
augatuck Chemical Division United States
Rubber Co (sulphuric, nitric and muriatic
acids and aniline oil) Naugatuck Hex-Socket Screws

Bristol Company The Waterbury Holo-Krome Screw Corp The West Hartford

Highway Guard Rail Hardware
Malleable Iron Fittings Co Branford Hinges

Beacon Falls (Advt.) Homer D Bronson Company

#### IT'S A D N 0 N NECTICU M E

ABA Tool & Die Co Pratt & Whitney Div Niles-Bement-Pond Co (Die and Thread Milling) West Hartford Hoists J-B Engineering Sales Co New Haven Union Mfg Company New Britain General Electric Company B Bridgeport Ansonia Mills Inc Ansonia Hawie Mfg Co The (So-Lo Grip Tabs Bridgeport Hospital Signal Systems
onnecticut Telephone & Electric Division
Great American Industries Inc. Meric Hot Water Heaters Petroleum Heat & Power Co (Instantaneous domestic oil burner) Stamford Hydraulic Brake Fluids Eis Manufacturing Co Middletown Hydraulic Controls
Sperry Products Inc Danbury Industrial Finishes
Atlas Powder Co Zapon Div
Chemical Coatings Corporation
United Chromium Incorporated Stamford Rocky Hill Waterbury Industrial and Masking Tapes Seamless Rubber Company The New Haven Infra-Red Equipment Leeds Electric and Mfg Co The
Insecticides
American Cyanamid Company
Darworth Incorporated ("Coracide" Hartford Waterbury DDT Simsbury Dispenser) Insecticide Bomb Bridgeport Brass Company (Aer\*a\*sol) Bridgeport Insulated Wire & Cable Kerite Company Seymour Instruments
Bristol Company The
J-B-T Instruments Inc (Electrical Waterbury and perature Manning Maxwell & Moore Inc Bridgeport Pratt & Whitney Div Niles-Bement-Pond Co (Precision Measuring) West Hartford Gilman Brothers Co The Gilman Insulating Refractories
Mullite Refractories Co The Shelton Insulating Tape Ansonia Mills Inc Ansonia Inter-Communications Equipment Connecticut Telephone & Electric Great American Industries Inc Division of Meriden Interval Timers Lux Clock Manufacturing Company Waterbury Rhodes Inc M H Hartford General Electric Company Bridgeport Case Brothers Inc Manchester Japanning J H Sessions & Son Bristol Moore Special Tool Co (Moore) Bridger Pratt & Whitney Div Niles Bement Pond Bridgeport Jig Grinder
Moore Special Tool Co (Moore) Bridgeport
Pratt & Whitney Div Niles-Bement-Pond Co
West Hartford West Hartford Raybestos Div of Raybestos-Manhattan Inc The (compressed sheets) Bridgeport (compressed sheets)

Keller Machines

Pratt & Whitney Div Niles-Bement-Pond Co

West Hartford Key Blanks
Corbin Cabinet Lock Div American Hardware
Corp
Sargent & Company
Yale & Towne Manufacturing Company The
Stamford J & J Cash Inc (Woven) South Norwalk Naugatuck Chemical Division United States Rubber Co (for rubber articles) Naugatuck

Label Moisteners

Shelton

Better Packages Inc

Laboratory Equipment Eastern Industries Inc New Haven Laboratory Supplies Macalaster Bicknell Company New Haven Wilcox Lace Corp The Middletown Wilcox Lace Corporation The Middletown Lacquers & Synthetic Enamels
Atlas Powder Co Zapon Div
Chemical Coatings Corporation
Dagmar Chemical Company Inc
United Chromium Incorporated
Wat Stamford Rocky Hill Glenbrook Waterbury Ladders 196 Chapel St New Haven A W Flint Co Plume & Atwood Mfg Co The (metal oil) Waterbury Lampholders—Incandescent and Fluorescent General Electric Company Bridgeport Bridgeport Verplex Company The Verplex Company The

Lathes—Contin-U-Matic

Bullard Company The (vertical multi-spindlecontinuous turning type) Bridgeport

Lathes—39H Man-Au-Trol

Bullard Company The (horizontal 3 spindle)

Bridgeport Lathes-Mult-Au-Matic
Bullard Company The (vertical multi-spindle Bridgeport indexing type) Lathes—Toolroom and Automatic
Pratt & Whitney Div Niles-Bement-Pond Co
West Hartford Lathes-Vertical Turret
Bullard Company The (single spindle) Bridgeport Laundry Roll Covers Atlas Powder Co Zapon Div Stamford Christie Plating Co The Leather Herman Roser & Sons Inc (Genuine Pigskin) Glastonbury Geo A Shepard & Sons Co The (sheepskin, shoe upper, garment, grain and suede) Bethel Leather Dog Furnishings
Andrew B Hendryx Co The New Haven
The Smith-Worthington Saddlery Co Hartford G E Prentice Mfg Co The Kensington Leather, Mechanical Auburn Manufacturing Company ings, cubs, washers, etc) The (pack-Middletown Company Letterheads lithographers) Lighting Accessories—Fluorescent General Electric Company N

Lehman Brothers Inc (designers, engravers, lithographers) New Haven Norfolk Lights—Trouble
General Electric Company General Electric Company

Lighting Equipment

Miller Co The (Miller, Duplexalite, Ivanhoe)

Meriden

New Haven

New England Lime Company Canaan Lipstick Containers Bridgeport Metal Goods Mfg Co

Bridgeport Lithographing
Kellogg & Bulkeley A Division of Connecticut
Printers Inc
Lehman Brothers Inc
New Haven Printing Company The New Haven New Haven A D Steinbach & Sons

Locks-Banks Yale & Towne Manufacturing Company The Stamford

Yale & Locks—Builders

P & F Corbin Division The American HardNew Britain
New Haven
New Haven ware Corp
Sargent & Company
Yale & Towne Manufacturing Company

Yale & 10w...

Locks—Cabinet
Corbin Cabinet Lock Div American Hardware
New Britain
Stamford
Company The Corp Excelsior Hardware Co The Stamford Yale & Towne Manufacturing Company The Stamford

Yale & Towne Manufacturing Company Locks-Sult-Case and Trimmings
Corbin Cabinet Lock Div American Hardware
Corp
New Britain
Stamford
Stamford Yale & Towne Manufacturing Company Stamford Stamford Excelsior Hardware Co The The Yale & Towne Manufacturing Company The (and suitcase) Stamford Locks-Zipper Excelsion Hardware Co The Stamford Loom-Non-Metallic Wiremold Company The Hartford Falls Company The Norwich Lumber & Millwork Products City Lumber Co of Bridgeport Inc Bri Bridgeport Collins Company The Collinsville Machine Tools Bullard Company The Bridgepool Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Machine Work Farrel-Birmingham Company Inc Fenn Manufacturing Company The parts) Hartford Special Machinery Co The Ansonia work only)
National Sherardizing & Machine Co (job)
Hartford Parker Stamp Works Inc The (Special)
Hartford Swan Tool & Machine Co The
Torrington Manufacturing Co The (special rolling mill machinery)

Hartford
(special rolling mill machinery)

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D

Machinery Fenn Manufacturing Company The (special) Globe Tapping Machine Company (dial type drilling and tapping)

Hartford (dial type Bridgeport Hallden Machine Company The (mill) Torrington Manufacturing Co The (mill)
Torrington

Machinery-Bolt and Nut y Farrel Foundry & Machine Co Waterbury Waterbury

Machinery—Cold Heading
y Farrel Foundry & Machine Co
Waterbury Waterbury

Machinery Dealers & Rebuilders
nik Brothers New Haven
Lucas and Son Fairfield
Machinery Co Ine New Haven Botwinik Brothers J L Lucas and Son State Machinery Co Inc

Machinery-Extruding Standard Machinery Co The Mystic

Machinery—Metal-Working
Bristol Metal-Working Equipment Hartford
Waterbury Farrel Foundry & Machine Co
Waterbury Hartford Pratt & Whitney Div Niles-Bement-Pond Co West Hartford

Machinery-Nut aterbury Farrel Foundry & The (forming and tapping) Machine Co Waterbury Waterbury 8 Machinery-Screw and Rivet

Waterbury The Machine Waterbury Machinery-Wire Drawing
y Farrel Foundry & Machine Co
Waterbury

Waterbury Machinery-Wire Straightening
Mettler Machine Tool Inc New Haven

Mettler Machine Adams Machines

Campbell Machine Div American Chain & Cable Co Inc (cutting & nibbling) Bridgeport Coulter & McKenzie Machine Co The (special, new development engineering design and construction)

Patent Button Company The Waterbury

Patent Button Company The Machines-Automatic A H Nilson Mach Co The (Special) Bridgeport

Machines—Automatic Chucking
Bullard Company The Bridgeport
New Britain-Gridley Machine Division
The New Britain Machine Co. (multiple
spindle and double end) New Britain
Pratt & Whitney Div Niles-Bement-Pond Co
(Potter & Johnson)
West Hartford
Advt.) (Advt.)

The (for textile Stafford Springs

Middletown

Waterbury

Seymour

Bridgeport

New Britain New Haven

Stamford

Meriden

Milldale .

Branford

Stamford

Thomaston

Bridgeport

Shelton

(Advt.)

Ovens

Machines—Automatic Screw
New Britain-Gridley Machine Division
The New Britain Machine Co (single and
New Britain Napper Clothing Ciothing Co The Metal Cleaners Apothecaries Hall Co MacDermid Incorporated Waterbury Standard Card Waterbury Wilcox Lace Corp The Metal Cleaning Machines Machines-Automatic Shaft Turning and Company The (30H lathe-horizon Colt's Manufacturing Company Hartford Nickel Anodes
Apothecaries Hall Co
Seymour Mfg Co The Metal Finishes Mitchell-Bradford Chemical Co United Chromium Incorporated 3 spindle) Bridgeport Bridgeport Machines Conveyor
Bullard Company The (Bullard-Dunn
conveyor indexing type) Br Waterbury Seymour American Brass Company The Plume & Atwood Mfg Co The Seymour Mfg Co The Waterbury Rolling Mills Inc rolls, Waterbury Western Brass Mills Division of Olin Industries Inc (sheet, strip) Metal Finishing National Sherardizing & Machine Co Bridgeport Machines—Contin-U-Matic
Bullard Company The (vertical multi-spindle—continuous turning) Bridgeport Hartford Waterbury Plating Company Waterbury Metal Formings Master Engineering Company Machines-Draw Benches Fenn Manufacturing Company The West Cheshire Metalizing Machines-Drill Spacing
Bullard Company The (Man-Au-Trol spaces used in conjunction with radical drills) Conn Metal Finishing Co Hamden Whipple and Choate Company The H C Cook Co The 32 Bear H C Cook Co The 32 Beaver American Brass Company The Waterbury J H Sessions & Son Company (Made-Scovill Manufacturing Company (Made-Scovill Waterbury 91 P & F Corbin Division The American Hard-ware Corp. New Britain New Haven Yale & Towne Manufacturing Company The Bridgeport Machines-Drop Hammers Fenn Manufacturing Company The Hartford Machines—Forming
A H Nilson Mach Co The (four-slide wire and ribbon stock)

Bridgeport Metal Specialties Excelsior Hardware Co The Non-ferrous Metal Castings Miller Company The Machines—Mult-Au-Matic Bullard Company The Stamford Bridgeport Metal Stampings
American Brass Company The
Autoyre Co The (Small)
Bridgeport Chain & Mig Co
Doo'Val Tool & Mig Inc The
Excelsior Hardware Co The
Greist Mig Co The
503 Blake St New Haven
H C Cook Co The
32 Beaver St Ansonia
Master Engineering Company
J A Otterbein Company The
tions)

Sensor Metal Stampings
Waterbury
Oakville
Bridgeport
Naugatuck
Stamford
Stamford
Naugatuck
Stamford
Naugatuck Metal Stampings Nuts, Bolts and Washers Clark Brothers Bolt Co Machines-Paper Ruling John McAdams & Sons Inc Office Equipment Pitney-Bowes Inc Stamford Underwood Corporation Bridgeport & Hartford Machines—Pipe & Boit Threading Capewell Mfg Co The Hartford Kellogg & Bulkeley A Division of Connecticut
Printers Inc
New Haven Printing Company
The
New Haven Machines—Precision Boring ew Britain-Gridley Machine Division The New Britain Machine Co New Britain Machines-Rolling Fenn Manufacturing Company The tions)
JH Sessioms & Son
Patent Button Co The
GE Prentice Mfg Co The
Plume & Atwood Mfg Co The
Saling Manufacturing Company
Stanley Works The
Swan Tool & Machine Co The
Verplex Company The (Contract)
Waterbury Lock & Specialty Co The Bristol Waterbury Kensington Waterbury Oil Burners

Malleable Iron Fittings Co (domestic) Machines—Slotting
Globe Tapping Machine Company The (High
Production Screw Head Slotting) Bridgeport
Waterbury Farrel Foundry & Machine Co
The (screw head)
Waterbury Company The (domestic) Unionville Meller Company The (domestic) Me
Peabody Engineering Corp (Mechanical
/or Steam Atomizer) Stan
Petroleum Heat & Power Co (domestic,
mercial and industrial) Star
Silent Glow Oil Burner Corp The
1477, Park St
Har New Britain Hartford Essex Milford Machines-Swaging Fenn Manufacturing Company Ti Fenn Manufacturing Company

Machines—Thread Rolling

Hartford Special Machinery Co The Hartford

Waterbury Farrel Foundry & Machine Co

Waterbury Meters—Gas Sprague Meter Company 1477 Park St W S Rockwell Company (Industrial) Fairfield Bridgeport W S ROCKWEII COMPARED WICKS

Oll Burner Wicks

Raybestos Div of Raybestos Manhattan Inc The

Bridgeport Rhodes Inc M H
Microscope—Measuring
Lundeberg Engineering Company Hartford Oli Tanks

Norwalk Tank Co The (550 to 30M gals, underwriters above and under ground)

South Norwalk Hartford Machines-Turks Head Fenn Manufacturing Company The Hartford Hartford Milk Bottle Carriers John P Smith Co The 423 Machines—Well Drilling Consolidated Industries We 423-33 Chapel St West Cheshire New Haven Machines-Wire Drawing Fenn Manufacturing Company The Millboard Whitlock Manufacturing Co The Raybestos Div of Raybestos-Manhattan Inc The (asbestos)

Bridgeport Hartford Optical Cores & Ingots Plume & Atwood Mfg Co The Mail Boxes Millwork Hartford Builders Finish Co Airline Manufacturing Company The Warehouse Point Hartford Builders Finish Co-Milling Machines Pratt & Whitney Div Niles-Bement-Pond Co (Keller Tracer—Controlled Milling Machines) West Hartford Hartford Outlets-Electric General Electric Company Mail Boxes, Apartment & Residential Corbin Cabinet Lock Div American Hardwa Corp New Brita Britain W S Rockwell Company (Industrial) Fairfield Pitney-Bowes Inc Machines Rowbottom Machine Company Inc (cam)
Waterbury Package Sealers Better Packages Inc Stamford Mill Supplies Manicure Instruments Wilcox Crittenden & Co Inc Middletown W E Bassett Company The Derby Minute Minders Lux Clock Mfg Co The Manganese Bronze Ingot Whipple and Choate Company Waterbury Bridgeport Mirror Rosettes and Hangers Waterbury Companies Inc Waterbury Marine Engines
Kilborn-Sauer Company (running lights Fairfield Mystic Mixing Equipment searchlights)
Lathrop Engine Co The Eastern Industries Inc New Haven Marine Equipment Wilcox Crittenden & Co Inc Motor Switches Gaynor Electric Company Inc Middletown

Marine Reserve Gears Snow-Nabstedt Gear Corp The

W T Barnum & Co Inc

Waterbury Mattress Co

Marking Devices
Hoggson & Pettis Mfg Co The New Haven
Parker Stamp Works Inc The (steel) Hartford

Mattresses

Mechanics Hand Tool
Bridgeport Hdwe Mfg Corp The (screw drivers,
wrenches, pliers, cold chisels, hammers, auto
repair tools)
Bridgeport

Metal Boxes and Displays
Durham Manufacturing Company The

New Haven

New Haven

Waterbury

Packing Auburn Manufacturing Company The (leather, rubber, asbestos, fibre) Middletown Raybestos Div of Raybestos-Manhattan Inc The (rubber sheet and automotive) Bridgeport Padlocks Corbin Cabinet Lock Div American Hardware
Corp New Britain
Sargent & Company New Haven Corp New Bi Sargent & Company New H Yale & Towne Manufacturing Company Bridgeport Moulded Plastic Products Waterbury Lock & Specialty Co The Milford Colt's Manufacturing Company Patent Button Co The Waterbury Companies Inc Watertown Mfg Co The 117 Hartford Waterbury Waterbury 117 Echo Lake Road Watertown Paints and Enamels Staminate Corp The New Haven Panta Moore Special Tool Co (crush wheel Mouldings
Himmel Brothers Co The (architectural, metal and store front)

Hamden Bridgeport Paperboard
Gair Company Inc Robert
New Haven Pulp & Board Co The
Robertson Paper Box Co
Montville
Montville
Montville Moulds New Haven Series Boxes
Robertson Paper Boxes
Atlantic Carton Corp (folding)
National Folding Box Co Inc (folding)
New Haven
Pulp & Board Co The
New Haven
Montville
Montville
Montville
Montville
Montville
Montville
Montville ABA Tool & Die Co Manche Hoggson & Pettis Mfg Co The (steel) 114 Brewery St New Hi Lundeberg Engineering Company (plastics) Manchester New Haven

Hartford

non-ferrous metals)

Parker Stamp Works Inc The (compression injection & transfer for plastics) Hartford Sessions Foundry Co The (heat resisting for Revised)

Paper Boxes-Folding and Setup Bridgeport Paper Box Company Bridgeport	Plastics—Moulds & Dies Parker Stamp Works Inc The (for plastics)	Production Control Equipment United Cinephone Corporation Torrington
Bridgeport Paper Box Company M Backes' Sons Inc Warner Brothers Company The Bridgeport Bridgeport	Plasticrete Bloc	Wassell Organization (Produc-Trol) Westport
Paper Clips H C Cook Co The (steel) 32 Beaver St Ansonia	Plasticrete Corp Plates—Switch Reideseest	Consolidated Industries Welding West Cheshire
Paper Mill Machinery Farrel-Birmingham Company Inc Ansonia	General Electric Company Bridgeport  Platers	Profilers Pratt & Whitney Div Niles-Bement-Pond Co
Paper Tubes and Cores Sonoco Products Co (Climax-Lowell) Div	Christie Plating Co Patent Button Co The Waterbury Plating Company Waterbury Waterbury	West Hartford Propellers—Aircraft
Parallel Tubes onoco Products Co (Climax-Lowell Div)	Chromium Process Company The (Chromium Plating only)  Derby	Hamilton Standard Propellers Div United Air- craft Corp East Hartford
Parkerizing Clairglow Mfg Company  Mystic Portland	Apothecaries Hall Company Waterbury MacDermid Incorporated Waterbury	Yale & Towne Manufacturing Company The (Tri-rotor) Stamford Pumps—Small Industrial
Parking Meters Chodes Inc M H Hartford	Platers Metal Plume & Atwood Mfg Co The Thomaston	Eastern Industries Inc New Haver
Pattern-Makers arrel-Birmingham Company Inc Ansonia	Plating Christie Plating Co The (including lead plat-	Pump Valves Colt's Manufacturing Company Hartford
ridgeport Metal Goods Mfg Co Bridgeport	Conn Metal Finishnig Co Plating Processes and Supplies	Hoggson & Pettis Mfg Co The (ticket & cloth) 141 Brewery St New Haver
Pet Furnishings andrew B Hendrix Co The New Haven	United Chromium Incorporated Waterbury Plumbers' Brass Goods	Putty Softeners-Electrical Fletcher Terry Co The Box 415 Forestville
Pharmaceutical Specialties Trust Bischoff Company Inc Ivoryton Phosphor Bronze	Bridgeport Brass Co Keeney Mfg Co The (special bends) Newington	Pyrometers Bristol Co The (recording and controlling)
American Brass Company The Waterbury	Scovill Manufacturing Company Waterbury 48 Plumbing Specialties	Quartz Crystals Crystal Research Laboratories Inc Hartford
eymour Mfg Co The Seymour Vaterbury Rolling Mills Inc (sheets, strips,	John M Russell Mfg Co Inc Naugatuck Pole Line Hardware	Radiation-Finned Copper
rolls) Waterbury Vestern Brass Mills Division of Olin Indus-	Malleable Iron Fittings Co Branford Police Equipment	Bush Manufacturing Co West Hartford G & O Manufacturing Company The New Have
tries Inc (sheet, strip) New Haven Phosphor Bronze Ingots	The Smith-Worthington Saddlery Co Hartford Polishing Wheels	Vulcan Radiator Co The (steel and copper) Hartford
Vhipple and Choate Company The Bridgeport  Photographic Equipment	Williamsville Buff Div The Bullard Clark Danielson	Radiators—Engine Cooling G & O Manufacturing Co New Have
Calart Company Inc Plainville Photo Reproduction	Poly Choke Company The (a shotgun choking device)  Tariffville	Radio and Television Components General Electric Company Bridgepos
New Haven Printing Company The	Pitney-Bowes Inc Stamford	Radio Receivers General Electric Company Bridgepon
Piano Repairs  Pratt Read & Co Inc (keys and action)  Ivoryton	Fenn Manufacturing Company The Hartford	Rayon Specialties Hartford Rayon Corporation The Rocky Hi
Piano Supplies  Pratt Read & Co (keys and actions, backs, plates)  Ivoryton	American Sintered Alloys Inc Bethel Waterbury Companies Inc Waterbury	Rayon Yarns Hartford Rayon Corporation The Rocky Hi
Pile Fabrics idney Blumenthal & Co Inc (For furniture, automobiles, railroads, women's wear,	Prefabricated Buildings City Lumber of Bridgeport Inc The Bridgeport	O K Tool Co Inc The (inserted tooth) 33 Hull St Pratt & Whitney Div Niles-Bement-Pond C
Verplex Company The Essex	Waterbury Companies Inc Waterbury	(All types) West Hartfor
Pipe American Brass Co The (brass and copper)	Preservatives—Wood, Rope, Fabric Darworth Incorporated ("Cuprinol") Simsbury Press Buttons	Bristol Co The (automatic controllers, temperature, pressure, flow, humidity) Waterbur
Waterbury Bridgeport Brass Co (brass and copper)	Gaynor Electric Company Inc Bridgeport Press Papers	Reduction Gears Farrel-Birmingham Company Inc Anson
Chas Brass & Copper Co (red brass and copper)  Bridgeport brass and Waterbury	Case Brothers Inc Presses Manchester	Snow-Nabstedt Gear Corp The New Have Refractories
rane Company (fabricated) Bridgeport Howard Co (cement well and chimney)	Farrel-Birmingham Company Inc (Hydraulic) Ansonia	Howard Company New Have
Pipe Fitters' Hand Tools & Machines	Henry & Wright Division of Hartford-Empire Company (automatic mechanical) Hartford	Norwalk Valve Company (for gas and air) South Norwa
Capewell Mig Co The Hartford Pipe Fittings	Presses-Molding Standard Machinery Co The (compression and	Sorensen & Company Inc Stamfor  Resistance Wire
Corley Co Inc The (300# AAR) Plainville Include Iron Fittings Co Plainville	transfer molding, automatic and semi-auto- matic) Mystic	C O Jeliff Mfg Co The (nickel, chromiun kanthal) Southpo
Holo-Krome Screw Corporation The (counter-	Waterbury Farrel Foundry & Machine Co The Pressure Vessels Waterbury	Respirators  American Optical Company Safety Division Putna
sunk) West Hartford Pipe Plugs—Socketed Iolo-Krome Screw Corp The West Hartford	Norwalk Tank Co Inc The (unfired to ASME Code Par U 69-70) South Norwalk Whitlock Manufacturing Co The Hartford	Retainers Hartford Steel Ball Co The (bicycle & aut
Plastics Naugatuck Chemical Division United States	Printing Case Lockwood & Brainard A Division of	motive) Hartfo
Rubber Co Sponge Rubber Products Co Inc (expanded cellular) Shelton	Connecticut Printers Inc Finlay Brothers Heminway Corporation The  Waterbury	Grant Mfg & Machine Co The Bridgepo H P Townsend Manufacturing Co The Elmwo
Plastic Buttons Frank Parizek Manufacturing Co The	Hunter Press Hartford Lehman Brothers Inc New Haven	L-R Mfg Div of The Ripley Co Torringt Raybestos Div of Raybestos-Manhattan Inc T (brake service equipment) Bridgep
Plantle German	New Haven Printing Company The New Haven Taylor & Greenough Co The Wethersfield	Rivets
Plastic Gems Colt's Manufacturing Company Hartford	T B Simonds Inc A D Steinbach & Sons Hartford New Haven	Blake & Johnson Co The (brass, copper a non-ferrous) Watervi Clark Brothers Bolt Co Milld
Plastics Machinery Farrel-Birmingham Company Inc Ansonia	The Walker-Rackliff Company New Haven Printing Machinery	Connecticut Manufacturing Company The Waterbu
Colt's Manufacturing Company Hartford	Banthin Engineering Co (automatic) Bridgeport	Plume & Atwood Mfg Co The Waterbu J H Sessions & Sons Bris
Conn Plastics Waterbury General Electric Company Geo S Scott Mfg Co The Waterbury Companies Inc Waterbury Waterbury	Thomas W Hall Company Stamford  Printing Rollers Chambers-Storck Company Inc The (engraved)	Raybestos Div of Raybestos-Manhattan Inc T (brass and aluminum tubular and solid co per) Bridgept Paybestos Div of Raybestos Manhattan Inc T
Waterbury Companies Inc Waterbury	Chambers-Storck Company Inc The (engraved) Norwich	Raybestos Div of Raybestos-Manhattan Inc T (iron) Bridgept

Roasters-Electric General Electric Company Bridgeport Rods
American Brass Company The (copper, brass, Waterbury bronze)
Bristol Brass Corp The (brass and bronze)
Bristol Scovill Manufacturing Company (brass and Waterbury 91 Roller Skates Winchester Repeating Arms Company Division Olin Industries Inc New Haven Olin Industries and Equipment
Farrel-Birmingham Company Inc
Waterbury Farrel Foundry & Machine Co
The Waterbury Rolls Company Farrel-Birmingham Cor and Alloy Iron, Steel) (Chilled Ansonia Rope Wire American Steel & Wire Company New Haven Rubber Chemicals
Naugatuck Chemical Division I
Rubber Co
Stamford Rubber Supply Co The
Vulcanized Vegetable Oils) United States Naugatuck ("Factice Stamford Rubber-Cellular Sponge Rubber Products Co Inc Shelton Rubberized Fabrics
Duro-Gloss Rubber Co The New Haven Rubber Footwear
Goodyear Rubber Co The Middletown.
United States Rubber Company (Keds, Kedettes, Gaytees, U S Royal Footwear)
Nugatuck Rubber Gloves Seamless Rubber Company The New Haven Rubber Heels Danbury Rubber Co Inc The
Rubber Latex Compounds and Dispersions
Naugatuck Chemical Division United States
Rubber Co (coaong, impregnating and adhesive compounds)
Naugatuck Rubber Mill Machinery Farrel-Birmingham Company Inc Ansonia Rubber Products, Mechanical Auburn Manufacturing Company The The (washers, Middletown gaskets, molded parts) Canfield Co The H O Rubber-Reclaimed
Naugatuck Chemical Division United States
Rubber Co Rubber Soles
Danbury Rubber Co Inc The Danbury Danbury Rubber Co Inc The Danbury John P Smith Co The 42 423-33 Chapel St New Haven Saddlery
The Smith-Worthington Saddlery Co Hartford Safety Clothing American Optical Company Safety Division Putnam Safety Fuses
Ensign-Bickford Co The (mining & detonating) Safety Gloves and Mittens American Optical Company Safety Division Safety Goggles
American Optical Company Safety Division Putnam Sandwich Grills-Electric General Electric Company Bridgeport Saw Blades Capewell Mfg Co The (Hack Saw, Band Saw) Saw Blades-Hack Capewell Mfg Co The Hartford Saws-Metal & Wood Cutting Band Capewell Mig Co The Hartford Saws, Band, Metal Cutting
Atlantic Saw Mfg Co
New Haven Scales—Industrial Dial Kron Company The Bridgeport Scissors Acme Shear Company The Bridgeport Screens
Hartford Wire Works Co The (Windows, Doors and Porches) Hartford

Screw Caps Weimann Bros Mfg Co The (small for bottles)

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Screw Machines H P Townsend Mfg Company The Elmwood Screw Machine Accessories
Barnaby Manufacturing and Tool Company
Bridgeport Screw Machine Products

Apex Tool Co Inc The
Blake & Johnson Co The
Bristol Screw Corporation
Centerless Grinding Co Inc The (Heat treated and ground type only)
19 Staples Street
Connecticut Manufacturing Company The
Consolidated Industries
West Cheshire
Forters Machine Strew Corp The Consolidated Industries
Eastern Machine Screw Corp The
Truman & Barclay Sts
Fairchild Screw Products Inc
Franklin Screw Machine Co The (up 1½"
Hartford capacity)
Greist Mfg Co The (Up to 1½" capacity)
New Haven Humason Mfg Co The Forestville Lowe Mfg Co The Wethersfield National Automatic Products Company The Berlin Nelson's Screw Machine Products Plantsville New Britain Machine Company The New Britain Olson Brothers Company (up to 4" capacity) Plainville Olson & Sons R P
Peck Spring Co The
Plume & Atwood Mfg Co The
Scovill Manufacturing Company Waterbury 91
Wallace Metal Products Co Inc.
Waterbury Machine Tools & Products Co (Il & S & Swiss type automatic)
Waterville Mfg Co The
Watkins Manufacturing Co Inc Waterbur Waterville Milford Screw Machine Tools

American Cam Company Inc (Circular Form Tools)

Pratt & Whitney Div Niles-Bement-Pond Co (Reamers, Taps, Dies, Blades and Knurls)

West Hartford

West Hartford Somma Tool Co (precision circular form tools)
Waterbury American Screw Company Willimantic Atlantic Screw Works (wood) Hartford Blake & Johnson Co The (machine and wood) Waterville Bristol Company The (socket set and socket Bristol Company The (Socket See In Socket cap Screws) Waterbury Clark Brothers Bolt Connecticut Mfg Co The (machine) Waterbury Holo-Krome Screw Corporation The (socket set and socket cap) West Hartford Scovill Manufacturing Company Waterbury 91 Screws—Sockets
Allen Manufacturing Company The Hartford
Holo-Krome Screw Corp The West Hartford Sealing Tape Machines Better Packages Inc Sewing Machines

Greist Mfg Co The (Sewing Machine attachments)
503 Blake St New Haven
Merrow Machine Co The (Industrial) Hartford
Singer Manufacturing Company The (industrial) J B Williams Co The Glastonbury Shears Acme Shear Co The (household) Bridgeport Wolcott Tool and Manufacturing Company Waterbury Sheet Metal Projucts
Airline Manufacturing Company The
Warehouse Point American Brass Co The (brass and copper)
Waterbury Merriam Mfg Co (security boxes, fitted tool boxes, tackle boxes, displays) Durham Plume & Atwood Mfg Co The Waterbury United Advertising Corp Manufacturing Division (Job and Production Runs) New Haven Sheet Metal Stampings
American Brass Company The
American Buckle Co The W
DooVal Tool & Mig Inc The
J H Sessions & Son
Patent Button Co The
Plume & Atwood Mig Co The Waterbury West Haven Naugatuck Bristol Waterbury Waterbury Shipment Sealers Better Packages Inc Shelton

Shoe and Corset Laces Ansonia Mills Inc Ansonia Showcase Lighting Equipment Wiremold Company The Hartford Shower Stalls Dextone Company H C Cook Co The (for card files)
32 Beaver St New Haven Ansonia Sizing and Finishing Compounds American Cyanamid Company Water Waterbury Slide Fasteners
G E Prentice Mfg Co The
North & Judd Manufacturing Co
Patent Button Co The Kensington New Britain Waterbury Slings American Steel & Wire Company New Haven Smoke Stacks Bigelow Company The (steel) New Haven J B Williams Co The (industrial soaps, toilet soaps, shaving soaps) Glastonbury Torrey S Crane Company Plantsville Special Machinery Special Machinery
Farrel-Birmingham Company Inc
Henry & Wright Division of Hartford-Empire
Company
H P Townsend Mfg Company The
Lundeberg Engineering Company
National Sheradizing & Machine Co (mandrels & stock shells for rubber industry) Swan Tool & Machine Co The Special Parts
Greist Mfg Co The (small machines, especially precision stampings)
New Haven
J H Sessions & Son Special Industrial Locking Devices
Corbin Cabinet Lock Div American Hardware
Corp
New Britain Special Tools & Dies Lundeberg Engineering Company Gray Manufacturing Company The Hartford Sponge Rubber Products Co The United States Rubber Company Shelton Naugatuck Spring Coiling Machines
Bowden Engineering Co (Torsion)
Torrington Manufacturing Co The T Bristol Spring Units
Owen Silent Spring Division American Chain
& Cable Company Inc Bridgeport Spring Washers
Wallace Barnes Co The Div Associated Spring
Corp Bristol Springs—Coil & Flat
Bristol Spring Manufacturing Co
Foursome Manufacturing Company
Han-Dee Spring and Manufacturing
(Coil and Flat)
Humason Mfg Co The
New England Spring Manufacturing
Company
Unionville
Plainville Peck Spring Co The Plainville Wallace Barnes Co The Div Associated Spring Bristol Corp

Springs-Flat
Foursome Manufacturing Company
Wallace Barnes Co The Div Associated
Spring
Bristol Corp
New England Spring Manufacturing Company Springs—Furniture
Owen Silent Spring Division American Chain & Cable Company Inc Bridgeport & Cable Company Inc

Springs—Wire

Bristol Spring Manufacturing Co
Colonial Spring Corporation The
Connecticut Spring Corporation The
sion, extension, torsion)
D R Templeman Co (jewelry)
Foursome Manufacturing Company
J W Bernston Company (coil and torsion)
Unionville New England Spring Mfg Co Wallace Barnes Co The Div Associated Spring Bristol Springs, Wire & Flat Autoyre Company The

Stamped Metal Products
American Brass Company
Waterbury Companies Inc

Waterbury

(Advt.)

Stamps Hoggson & Pettis Mfg Co The (steel) 141 Brewery St New Haven Parker Stamp Works Inc The (steel) Hartford	Russell Mfg Co The Middletown	Vanderman Manufacturing Co The Willimantic
Stampings	Walton Company The West Hartford	Moore Special Tool Co Bridgeport
Donohue Mfg Co Inc Watertown DooVal Tool & Mfg Inc The Naugatuck Han Dee Spring and Manufacturing Co The	Pratt & Whitney Div Niles Bement Pond Co West Hartford	Swan Tool & Machine Co The Hartford Tools, Dies & Fixtures
(small)  Hartford  Plume & Atwood Mfg Co The (small)  Waterbury	Geometric Tool Co The New Haven	Fonda Gage Company (also jigs) Stamford Greist Mfg Co The New Haven
Stampings-Small	Brownell & Co Inc Moodus	Tools, Hand & Mechanical Bridgeport Hardware Mig Corp The (screw
Bristol Spring Manufacturing Co Foursome Manufacturing Co The New Haven Greist Manufacturing Co The New Haven	Bristol Co The Waterbury	drivers, nail pullers, box tools, wrenches, auto tools, forgings & specialties) Bridgeport
L C White Company The Waterbury Master Engineering Company West Cheshire Rogers Corporation (Fibre Cellulose Paper)	General Electric Company Bridgeport	Tools-Pipe Fitters' Hand Capewell Mig Co The Hartford
Wallace Barnes Co The Div Associated Spring Corp Bristol	Sperry Products Inc Danbury	A C Gilbert Company New Haven
Stationery Specialties American Brass Company The Waterbury	Merrow Machine Co The 2814 Laurel St Hartford	Geo S Scott Míg Co The Gong Bell Co The N N Hill Brass Co The Waterbury Companies Inc Waterbury
Steel Stanley Works The (hot and cold rolled strip)	Textile Mill Supplies Ernst Bischoff Company Inc Ivoryton	Tramways
Steel Castings	Textile Processors	American Steel & Wire Company New Haven
Farrel-Birmingham Company Inc Ansonia Hartford Electric Steel Co The (carbon and alloy steel) 540 Flatbush Ave Hartford Malleable Iron Fittings Co Branford	American Dyeing Corporation (rayon, acetate) Rockville Aspinook Corp The (cotton) Jewett City Thermometers	Metropolitan Body Company (International Harvester truck chassis and "Metro" Bridgeport
Nutmeg Crucible Steel Co Branford	Bristol Co The (recording and automatic con- trol) Waterbury	Trucks-Industrial
Steel-Cold Rolled Spring Wallace Barnes Co The Div Associated Spring Corp Bristol	Manning Maxwell & Moore Inc Bridgeport Thermostats	George P Clark Co Windsor Locks
Steel—Cold Rolled Stainless Wallingford Steel Company Wallingford	Bridgeport Thermostat Company Inc (auto- matic) Bridgeport	Excelsior Hardware Co The George P Clark Co Windsor Locks
Steel—Cold Rolled Strip and American Steel & Wire Company Detroit Steel Corporation Wallingford Steel Company  Sheets New Haven New Haven Wallingford	Thin Gauge Metals Plume & Atwood Mfg Co The Thinsheet Metals Co The (plain or tinned in rolls)  Waterbury	Trucks—Skid Platforms Excelsior Hardware Co The (lift) Stamford
Steel Goods Merriam Mfg Co (sheets products to order) Durham	American Thread Co The Belding Heminway Corticelli Putnam	Donahue Mfg Co Inc Watertown
Steel Rolling Rules Waterbury Lock & Specialty Co The Milford	Gardner Hall Jr Co The (cotton sewing) South Willington Max Pollack & Co Inc Groton and Willimantic Wm Johl Manufacturing Co Mystic	Tube Clips  H C Cook Co The (for collapsible tubes) 32 Beaver St  Ansonia Weimann Bros Mfg Co The (for collapsible
Steel Strapping Stanley Works The New Britain	Thread Gages Pratt & Whitney Div Niles-Bement-Pond Co	tubes) Derby  Tube Fittings
W T Barnum & Co Inc New Haven Electrotype Div Electrographic Corp	West Hartford Thread Milling Machines Pratt & Whitney Div Niles-Bement-Pond Co	Scovill Mfg Co ("Uniflare") Waterbury  Tubers
Stop Clocks, Electric H C Thompson Clock Co The Bristol	West Hartford Thread Rolling Machinery	Standard Machinery Co The (tubers for both rubber and plastic industries) Mystic Tubes—Collapsible Metal
Straps, Leather Auburn Manufacturing Company industrial, skate, carriage) The (textile, Middletown	Hartford Special Machinery Co The Hartford  Threading Machines	Sheffield Tube Corp The New London  Tubing
Studio Couches Waterbury Mattress Co Waterbury	Grant Mfg & Machine Co The (double and automatic)  Bridgeport	American Brass Co The (brass and copper) Waterbury
Super Refractories Mullite Refractories Co The Shelton	Stromberg Time Corp Thomaston	Bridgeport Brass Company (brass and cop- per) Bridgeport G & O Manufacturing Co (finned) New Haven
Surface Metal Raceways & Fittings Wiremold Company The Hartford	A W Haydon Co The Waterbury	Scovill Manufacturing Company (Brass and Copper) Waterbury 91
Surgical Dressings Acme Cotton Products Co Inc East Killingly Seamless Rubber Company The New Haven	H C Thompson Clock Co The R W Cramer Company Inc The Rhodes Inc M H  Bristol Centerbrook Hartford	Tubing—Heat Exchanger American Brass Company The Waterbury Scovill Manufacturing Company Waterbury 91
Seamless Rubber Company The New Haven	A W Haydon Co The R W Cramer Company Inc The Centerbrook	Typewriters Royal Typewriter Co Inc Hartford Underwood Corporation Hartford
Switches—Electric General Electric Company Bridgeport	Lux Clock Manufacturing Company Rhodes Inc M H Seth Thomas Clocks Livital State Convention Thomaston	Typewriters—Portable
Swaging Machinery Hartford Special Machinery Co The Hartford	United States Time Corporation The Waterbury	Underwood Corporation Hartford
Switchboards Plainville Electrical Products Company Plainville	Timing Devices & Time Switches A W Haydon Co The Waterbury Lux Clock Manufacturing Company Waterbury M H Rhodes Inc	Typewriter Ribbons and Supplies Underwood Corporation Hartford and Bridgeport
Switchboards Wire and Cables Rockbestos Products Corp (asbestos insulated) New Haven	Thinsheet Metals Co The (non-ferrous metals in rolls) Waterbury	Underclearer Rolls Sonoco Products Co (Climax-Lowell Div) Mystic
Synchronous Motors  P. W. Cramer Company Inc. The Centerbrook	Wilcox Crittenden & Co Inc Middletown	Union Pipe Fittings

Hoggson & Pettis Mfg Co The (rubber workers)
141 Brewery St
O K Tool Co Inc The (inserted tooth metal cutting)
33 Hull St Shelton

Union Pipe Fittings Corley Co Inc The (300# AAR)

Upholstering Fabrics—Woolen & Worsted Broad Brook Company (automobile, airplane, railroad) Broad Brook (Advt.)

Plainville

R W Cramer Company Inc The Centerbrook

Tanks
Bigelow Company The (steel)
Storts Welding Company (steel and alloy)
Meriden
Meriden

#### MADE IN CONNECTICUT

Water Heaters
Whitlock Manufacturing Co The (instan-Vacuum Bottles and Containers American Thermos Bottle Co No Wire Formings Norwich Vacuum Cleaners
Electrolux Corporation Old Greenwich
Spencer Turbine Co The Hartford Water Heaters-Electric
Bauer & Company Inc Hartford Water Heaters—Gas or Kerosene Holyoke Heater Corp. of Conn., Inc Hartford Norwalk Valve Company (sensitive check valves) South Norwalk W S Rockwell Company (Industrial) Fairfield Waterproof Dressings for Leather Viscol Company The Star Stamford Valve Discs Colt's Manufacturing Company . Iartford Wedges Valves—Automatic Air Beaton & Cadwell Mig Co New Britain Saling Manufacturing Company (hammer & Unionville Welding
Farrel-Birmingham Company Inc Ansonia
G E Wheeler Company (Fabrication of Steel
& Non-Ferrous Metals)
Industrial Welding Company (Equipment Manufacturers—Steel Fabricators)
Hartford
Porupine Company The Bridgeport Valves-Automobile Tire Bridgeport Brass Company Bridgeport Valves—Radiator Air Bridgeport Brass Company Bridgeport Storts Welding Company (tanks and fabrica-tion) Welding Pode Meriden Valves-Relief & Control
Beaton & Cadwell Mfg Co No New Britain Welding Rods Valves-Safety & Relief Manning Maxwell & Moore Inc American Brass Company The Waterbury Bristol Brass Co The (brass & bronze) Bristol Bridgeport Vanity Boxes Bridgeport Metal Goods Mfg Co Wheels-Industrial Windsor Locks Bridgeport George P Clark Co Staminite Corp The Wicks New Haven Auburn Manufacturing Company The (felt, asbestos)
Holyoke Heater Corp. of Conn., Inc Hartford
Raybestos Div of Raybestos-Manhattan Inc The
oil burner wicks)
Russell Mfg Co The Middletown Welvets

American Velvet Co (owned and operated by A Wimpfheimer & Bro Inc)
Leiss Velvet Mfg Co Inc The Williamatic Velvet Textile Corporation The (velveteen)
West Haven Window & Door Guards Hartford Wire Works Co The Hartford Venetian Blinds Findell Manufacturing Company Wire Shapes Bridgeport Chain & Mfg Co Manchester Wiping Cloths Federal Textile Corporation Ventilating Systems New Haven Colonial Blower Company Plainville American Brass Company The
American Steel & Wire Company
Atlantic Wire Co The (steel)
Branford
Bartlett Hair Spring Wire Co The (hair spring)
North Haven
bronze)

Waterbury
New Haven
Branford
Sorth Haven
Bridgeport
Brass Company (brass and silicon
Bridgeport
Brass Propage Bristol Vertical Shapers
Pratt & Whitney Div Niles-Bement-Pond Co
West Hartford Vibrators—Pneumatic
New Haven Vibrator Company (industrial)
New Haven Bridgeport Brass Company (brass and silicon bronze)
Bristol Brass Corp The (brass & bronze) Bristol Driscoll Wire Co The (steel)
Bristol Brass Corp The (brass & bronze) Bristol Driscoll Wire Co Winsted Div (insulated & enameled magnet)
PO Box 1030
Plume & Atwood Mfg Co The (brass, bronze, nickel silver)
Scovill Manufacturing Company (Brass, Bronze Scovill Manufacturing Company (Brass) Report Company (Brass) Charles Parker Co The
Fenn Manufacturing Company
Action Vises)
Vanderman Manufacturing Co
Ination Bench Pipe)

Williamatic
Williamatic Scovill Manufacturing Company (Brass, Bronze and Nickel Silver) Waterbury 91 Waffle Irons—Electric
General Electric Company Bridgeport Washers

American Felt Co (felt)

Auburn Manufacturing Company The (all materials)

Blake & Johnson The (brass, copper & non-ferrous)

Clark Brothers Bolt Co

Bristol

Bristol Wire Arches & Trellises
Hartford Wire Works Co The
Hartford
John P Smith Co The
423-33 Chapel St
New Haven

Blake & Johnson
fetrous)

Gark Brothers Bolt Co
J H Sessions & Son
Plume & Atwood Mfg Co The (brass & conner)

Raybestos Div of Raybestos-Manhattan Inc The
clutch washers)
J H Rosenbeck Inc
Saling Manufacturing Company (made to order)

Unionville

Bristol

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rplane, Brook

Advt.)

Washers-Felt
Chas W House & Sons Inc (Mills & Cutting Unionville

Washing Machines-Electric
General Electric Company Bridgeport

E Ingraham Co The
New Haven Clock and Watch
& wrist)
United States Time Corporation

Watches
Bristol
New Haven
New Haven
Waterbury

Wire Baskets

Rolock Inc (Industrial—for acid, heat, degreasing)

Wiretex Mfg Co Inc (Industrial, for acid, heat, treating and degreasing)

Bridgeport

Wire Cable Bevin-Wilcox Line Co The (braided) East Hampton

Wire Cloth
Hartford Wire Works Co The
C O Jelliff Mfg Co The (all metal, all meshes)
Southport
Norwalk
Fairfield Pequot Wire Cloth Co Inc Rolock Incorporated Smith Co The John P New Haven

Wire Drawing Dies Waterbury Wire Die Co The Waterbury

Wire Dipping Baskets Hartford Wire Works Co The John P Smith Co The 423-33 Chapel St Hartford New Haven Autoyre Co The Oakville
G E Prentice Mfg Co The Kensington
Master Engineering Company
West Cheshire
North & Judd Manufacturing Co New Britain
Verplex Company The Easex

Bristol Spring Manufacturing Co
Colonial Spring Corporation The
Connecticut Spring Corporation The
Foursome Manufacturing Company
Humason Mfg Co The
New England Spring Mfg Co
Wallace Barnes Co The Div Associated
Wire Forms
Hartford
Hartford
Bristol
Unionville
Unionville
Spring
Bristol

American Buckle Co The (overall trimmings)

West Haven
Waterbury
Waterbury Patent Button Co The Scovill Manufacturing Company (To Order) Waterbury 91

Wire Partitions Hartford Wire Works Co The John P Smith Co The 423-33 Chapel St Hartford New Haven

Wire Products
Clairglow Mfg Company
Plume & Atwood Mfg Co The (to order)
Waterbury

A H Nilson Mach Co The Bridgeport

Wire Rings
American Buckle Co The (pan handles and tinners' trimmings) West Haven

Wire Rope and Strand American Steel & Wire Company New Haven

Bridgeport

Wire-Specialties Andrew B Hendryx Co The New Haven

Wires and Cable General Electric Company (for tions, industrial and mining central sta-applications) Bridgeport Rockbestos Products Corporation insulated)

Wires—Building General Electric Company Bridgeport

Wires—Telephone General Electric Company Bridgeport

Wood Handles
Salisbury Cutlery Handle Co The (for cutlery & small tools)
Salisbury

Wood Scrapers
Fletcher-Terry Co The

C H Dresser & Sons Inc (Mfg all kinds of Hartford

Woven Awning Stripes Falls Company The Norwich

Chas W House & Sons Inc (Mills & Cutting Plant)

Hartford Spinning Incorporated knitting and weaving yarns)
Aldon Spinning Mills Corporation The (fine-woolen and specialty)
Ensign-Bickford Co The (jute carpet) Simsbury

Zinc Platt Bros & Co The (ribbon, strip and wire)
P O Box 1030
Waterbury

Zinc Castings
Newton-New Haven Co Inc 688 Third Ave
West Haven
(Advt.)

#### Hoggson & Pettis Mfg. Co.

(Continued from page 7)

he literally "signs" each ticket he punches. This requires thousands of different punch designs. In addition, new sizes of tickets call for specially built punches with a long "reach." One punch of interest is the tally punch, which counts as well as makes the identifying mark.

Proper marking of finished products and machinery is an essential phase of any industrial operation. Hoggson & Pettis has long been a leading manufacturer of stamps, dies and other marking devices used by American industry. The company's steel stamps are used to hammer serial numbers or other marks of identification on metal parts, while the marking dies are used predominantly to label products with company trade marks. More complex devices are produced to mark conical dials, steel rulers and cylindrical metal parts.

Modern methods for laying linoleum, installing window screening, cementing and vulcanizing rubber goods demand a great variety of special hand tools. Hoggson & Pettis hand rollers and stitchers are produced in many shapes and sizes and serve industry in a hundred different ways.

In time of war or national emergency, this company's products are in great demand by the armed services. Heavy duty boots are a GI's best friend on long marches over rough battlegrounds. The rubber soles for these durable shoes are processed in Hoggson & Pettis molds. A high percentage of the company's mold fabricating department is today producing rubber molds for many airplane engine parts.

With good working conditions, group insurance, six paid holidays and other attractive features of employment, Hoggson & Pettis has always been fortunate in having loyal and capable employees. More than half of the present staff have been with the firm over twenty-five years and it is not unusual to find a man whose father or grandfather was at one time employed by the company.

Well under way into their second century of manufacturing, The Hoggson & Pettis Company continues to play an active part in the community and contributes greatly to the strength and growth of the industrial life of the country.

#### Industrial Editors Talk it Over

(Continued from page 12)

John H. Breck Company, Springfield, handled the general arrangements for the meetings. Elmer S. Lipsett, S. D. Warren Company, made plans for Conference souvenirs.

The officers of the Connecticut Industrial Editors Association are: President, Harold T. LeMay, Niles-Bement-Pond, West Hartford; Vice-President (Program), Gilbert F. Berry, Fuller Brush, Hartford; Vice-President (Membership), Anthony Wilan, Condé-Nast, East Greenwich; Treasurer, Marilyn Action, American Thermos, Norwich; Recording Secretary, Margaret Fenske, Scovill Mfg., Waterbury; Corresponding Secretary, Herman Cleveland, Gilbert Clock, Winsted.

The Massachusetts Industrial Editors Association lists Dora L. Anderson, H. P. Hood & Sons, Boston, as President; William Cadigan, New England Electric System, Boston, as Vice-President; O. F. Ingram, Eastern Gas & Electric Co., Boston, as Vice-President; Ann F. Lord. New England Electric System, Boston, as Secretary; Selma Williamson, The Employers Group, Boston, as Treasurer: Manning Hawthorne, American Optical, Southbridge, as Director; Warren L. Carleen, Mutual Boiler and Machinery Insurance Company, Boston, as Director; Dorothy F. Williams, Simmons College, Boston, as Director.

#### Students Win Russell Manufacturing Co. Awards

(Continued from page 11)

so produced. There is no give and take, no real competition, no sense of individual responsibility, as it is all organized by the state for the state, under a bureaucratic superstructure. Any initiative and ingenuity of the countless individuals which make up a totalitarian state is completely stifled.

"We have seen what capitalism is, how it works and one of the many things it offers. Now we should look at the goal of capitalism and the influence it has on the peoples of the world. The late Edward Filene, a Boston merchant, has stated the case for the new capitalism far better than I can. He says, 'Man's morals, man's religion

and man's sentiments toward his fellowman have always been affected by his economic status. With modern, scientific mass production, it is becoming obvious that business must leave no one out of its benefactions if it is to have customers with real buying power in all the markets of the world for its national surpluses. It is clear that the man or nation who would be great among us must be the servant of all."

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